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SECOND ANNUAL REPORT

OF THE

STATE BUREAU OF INSPECTION

STATE OF INDIANA

1913

STATE OF INDIANA

SECOND ANNUAL REPORT

OF THE

State Bureau of Inspection

RELATING TO

Manufacturing and Mercantile Establishments, Laundries, Bakeries, Quarries, Printing Offices, Hotels, Public Buildings, Mines and Mining, Boilers, Labor Commission and License Issued.

To the Governor

1913

INDIANAPOLIS:
WM. B. BURFORD, CONTRACTOR FOR STATE PRINTING AND BINDING
1914

The Re

THE STATE OF INDIANA,

EXECUTIVE DEPARTMENT,

February 26, 1914.

Received by the Governor, examined and referred to the Auditor of State for verification of the financial statement.

OFFICE OF THE AUDITOR OF STATE,
INDIANAPOLIS, February 27, 1914.

The within report, so far as the same relates to moneys drawn from the State Treasury, has been examined and found correct.

W. H. O'BRIEN,
Auditor of State.

FEBRUARY 27, 1914.

Returned by Auditor of State, with above certificate, and transmitted to Secretary of State for publication, upon the order of the Board of Commissioners of Public Printing and Binding.

B. B. JOHNSON,
Secretary to the Governor.

Filed in the office of the Secretary of State of the State of Indiana February 27, 1914.

L. G. ELLINGHAM,
Secretary of State.

Received the within report and delivered to the printer February 27 1914.

ED D. DONNELL,
Clerk Printing Board.

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MAR 31 1941

OFFICIAL LIST 1913.

Chief Inspector.

EDGAR A. PERKINS.....Indianapolis

License Clerk.

ALBERT C. CALDWELL.....Indianapolis

Bookkeeper.

EMMA E. HUPKE.....Indianapolis

Stenographer.

ANNA M. KREBER.....Indianapolis

Deputy Inspector of Buildings, Etc.

JOHN J. WALSH.....Indianapolis

Assistant Deputy Inspectors of Buildings, Etc.

EDWARD BOND.....Marion
HENRY A. BREETZ.....New Albany
ROBERT F. KIRK.....Indianapolis
NELSON H. KYSER.....South Bend
WM. P. MCMAHON.....Terre Haute
GEORGE L. FOX, Stenographer.....Indianapolis

Deputy Inspector of Mines.

FRANK I. PEARCE.....Indianapolis

Assistant Deputy Inspectors of Mines.

EDWARD W. CHURCH.....Terre Haute
WM. A. EDWARDS.....Clinton
JOSEPH FENNELL.....Linton
MICHAEL SCOLLARD.....Brazil
JOHN C. WRIGHT.....Boonville
LOOMIS JENNINGS, Stenographer.....Bridgeport

Deputy Inspector of Boilers.

JOHN F. GALLIVAN.....Indianapolis

Assistant Deputy Inspectors of Boilers.

PHILIP BONGERZ.....Laporte
OSCAR FAULCONER.....Logansport
JAMES R. MORRISSEY.....Peru
JAMES J. RYAN.....Muncie
FRANK J. VANES.....Brazil
MAE SCHAAF, Stenographer.....New Albany

LETTER OF TRANSMITTAL.

STATE BUREAU OF INSPECTION,
OFFICE OF EDGAR A. PERKINS, CHIEF INSPECTOR,
INDIANAPOLIS, IND., February 21, 1914.

To the Honorable SAMUEL M. RALSTON, *Governor of Indiana:*

Sir—I have the honor to submit herewith the second annual report of the State Bureau of Inspection, covering the fiscal year ending September 30, 1913, as required by Section 21, Chapter 142, Acts 1899.

Very respectfully yours,

EDGAR A. PERKINS,
Chief Inspector.

REPORT OF THE CHIEF INSPECTOR OF THE STATE BUREAU OF INSPECTION.

Your Excellency:

Herewith is submitted a report of the work of the State Bureau of Inspection for the fiscal year ending September 30, 1913. This report covers the second full year of the department as now organized—seven months of which period were under the administration of Mr. Elliott R. Hooton, who resigned May 1. Under the provisions of the law creating the Bureau of Inspection the head of each of the three sub-departments is made responsible for the conduct thereof, and the accomplishment of each department will show in the detailed reports herein appended. An analysis of these reports will best show to what extent the work contemplated by the law has been performed. If accomplishment did not keep pace with desire, it can be ascribed to the limitation of the means at the disposal of the bureau.

The work of the Department of Mines and Mining and that of the Department of Boiler Inspection is confined to specific lines, and the duties of those charged with carrying out the purposes of these departments are thus limited. And while the necessity for these departments is found in the experience gained through years of industrial advancement and the duties imposed upon them are equally as important, the work of these two departments does not come as generally within the public view as does that of the Department of Buildings, Factories and Workshops. The activities of the Department of Mines and Mining are confined to a relatively few counties; the work of the Boiler Inspection Department reaches to all parts of the State, yet it is confined solely to that of boiler inspection. Small, however, must be the community that does not have within its confines some concern calling for the supervision of the Department of Buildings, Factories and Workshops. To this department is committed the enforcement of those laws supervising the child and woman in industry; safeguarding dangerous machinery; combating occupational diseases; investigation of industrial accidents; construction and safeguarding of theatres, hotels, schoolhouses and public buildings; investigation of sanitary conditions in industrial establishments; erection of fire-escapes—

in fact, wherever labor is found in industrial pursuits may be found reason for this branch of our bureau.

It should be a matter for general congratulation that there is apparent a changing sentiment regarding the work in which the bureau is engaged. The idea once generally prevalent among employers that the work of the department was an evil to be antagonized is rapidly being dissipated. "Safety first" is becoming a popular slogan. Accident prevention is something to be striven for. Along with the demand for the conservation of our natural resources has come an awakening for the conservation of human life. And with this has come recognition that through our departments of inspection are to be found agencies for usefulness which bring to the employer solicitous for the welfare of his workman, expert knowledge by which he may profit.

It can not be said that all employers have subscribed to the new gospel. Unfortunately there are some who can not see that it is not only humane but that it is good business judgment to use all diligence in making provision for the safety and health of their employes. In some instances the efforts of the Department of Buildings, Factories and Workshops to safeguard theatres, hotels and public buildings have been met with determined opposition and a degree of callousness regarding public safety that is entirely at variance with the spirit of the times. However, to many of those with whom our bureau comes in contact, the laws allotted to our departments for enforcement have ceased to be a mandate; they have become recognized as a convenience. To foster this sentiment is the constant desire of this department, with the hope that a resultant may be a better understanding between the two primal factors in industry, with a consequent lessening of cause for bitterness and contention. Much greater and far more lasting results are to be gained by mutual agreement arrived at through sympathetic interchange of thought than can be attained by force. The bureau has endeavored to exercise reason rather than compulsion in its work, resorting to the courts only when circumstances seemed to demand it.

The unnecessary sacrifice of human life; the maiming of workmen; the blighting of childhood; the sacrifice of womanhood—all of which has been the toll levied by industry—has come to be regarded as incompatible with a Christian civilization. Viewing these things from a purely materialistic standpoint, it is seen that for all these burdens imposed by industry, society as a whole is forced to pay, and since all are called on to bear the burden all

should have a voice in suggested remedies. If sordidness is somewhat mixed with the altruistic in the demand for an advancing betterment it is the results attained and not the method that is to be sought.

It is hardly to be anticipated that perfection is to be realized in this endeavor more than in anything else; and especially is it doubtful if all desired can be secured through legislative enactment. The hazards of industry are to be lessened; he is dull indeed who can not read this in the tendencies of the times. It will be well if this come in part, at least, through a growing understanding that we are all of a common heritage and that our own best interests will be served by remembering the interests of our fellow members of society; by meeting the problem in the full spirit of our institutions, that in our industrial life, even as in our civil life, men are entitled to life and the pursuit of happiness.

Yet we do need some additional legislation in this State the more effectually to carry on the work in which we are engaged. However, desirable and necessary as this may be to meet conditions that undoubtedly call for correction, care should be exercised that what is properly a matter for individual effort is not construed as a matter for legislative regulation. It is the purpose and the desire of this bureau to protect the workman in the mine, in the workshop, in the factory, in the building trades—in every line of industry. But this protection can only go to the extent to which the individual, either through himself or acting in concert with his fellow workman, is unable to secure consideration. In nothing is sentiment more apt to eclipse reason than in consideration of those questions supposedly affecting the well being of the men and women of toil—and for whom our labor departments primarily had their inception. Yet if our department is to play its part in the industrial world—in helping in the solution of social questions that are bound to arise with our ever changing industrial conditions—it must remain unfettered by visionary and impractical incumbrances. Paternalistic legislation conceived in ignorance and brought forth through sentiment never did and never will secure the results that its advocates contend.

Accidents we shall have as long as we have industrial life. As long as there is faulty construction of buildings there will be the menace of loss of life through fire and panic. Yet, through the proper exercise of care on the part of the workman and diligence on the part of the employer in providing safeguards, industrial accidents may be reduced to a minimum; and by conforming to

accepted standards in construction, those gathered together in buildings may be assured of a reasonable degree of safety. We have been fortunate in Indiana during the last year, and credit, in measure should be given to the Bureau of Inspection. It bespeaks for Messrs. Walsh, Pearce and Gallivan, the heads of the departments, and to the assistant inspectors, a devotion to duty that should be commended.

The last session of the Legislature rearranged the law relating to the License Fee, making a graduated fee rather than a flat rate of $1.00. Under the new provision there was collected the sum of $11,988 from July 1, 1913, to September 30, 1913, and $1,091 under the old rate from October 1, 1912, to July 1, 1913, as against $7,227 under the old law or $1.00 fee. The new method apparently is working satisfactorily, as we have a total of $13,079 collected under this rate.

Entrusted to the department are the duties of the Labor Commission. No special effort was made during the year by the bureau to investigate labor troubles in the State, but where attention was called the services of the commission were tendered.

Most respectfully submitted,

EDGAR A. PERKINS,

Chief Inspector.

STATE BUREAU OF INSPECTION.

Financial Statement of Receipts and Disbursements for the Fiscal Year Ending September 30, 1913.

SALARIES.

Elliott R. Hooton, Chief, Oct. 1, 1912, to April 30, 1913	$2,333 31
Edgar A. Perkins, Chief, May 1, 1913, to September 30, 1913	1,666 69
Albert C. Caldwell, License Clerk	1,350 00
Emma E. Hupke, Bookkeeper	1,000 00
Anna M. Kreber, Stenographer	900 00
Department of Buildings, Etc.—	
John J. Walsh, Deputy Inspector	2,000 00
Edward Bond, Assistant Deputy Inspector	1,350 00
Henry A. Breetz, Assistant Deputy Inspector	1,350 00
Robert F. Kirk, Assistant Deputy Inspector	1,350 00
Nelson H. Kyser, Assistant Deputy Inspector	1,350 00
Wm. P. McMahon, Assistant Deputy Inspector	1,350 00
George Fox, Stenographer	900 00
Department of Mines and Mining—	
Frank I. Pearce, Deputy Inspector	2,000 00
Robert E. Collins, Assistant Deputy Inspector	251 61
Edward W. Church, Assistant Deputy Inspector	1,011 29
Joseph Fennell, Assistant Deputy Inspector	1,350 00
Michael Scollard, Assistant Deputy Inspector	1,350 00
John C. Wright, Assistant Deputy Inspector	1,350 00
Wm. A. Edwards, Assistant Deputy Inspector	1,350 00
Loomis Jennings, Stenographer	900 00
Department of Boilers—	
John F. Gallivan, Deputy Inspector	2,000 00
Philip Bongerz, Assistant Deputy Inspector	1,350 00
Oscar Faulconer, Assistant Deputy Inspector	1,350 00
James R. Morrissey, Assistant Deputy Inspector	1,350 00
James J. Ryan, Assistant Deputy Inspector	1,350 00
Frank J. Vanes, Assistant Deputy Inspector	1,350 00
Mae Schaaf, Stenographer	900 00
Total	$36,112 90

TRAVELING EXPENSES.

Chief	$83 65
Department of Buildings, Factories, Etc	3,227 74
Department of Mines and Mining	3,090 61
Department of Boilers	2,853 71
Total	$9,255 71

General Office Expenses for All Departments.

Printing	$2,244 06
Supplies for office	214 57
File cases and cards	106 12
Desk	53 00
Neostyle	45 00
Test pumps for Boiler Department	45 00
Postage stamps	1,725 00
Telephone service	137 78
Long distance calls	92 30
Express	44 84
Telegrams	3 73
Newspapers	11 35
Press clipping service	20 00
Typewriter ribbon	14 60
Blue prints for fire escapes	6 50
Dues, reports, etc., "Factory Inspectors' Association"	10 00
City Directory	6 00
Repairing anemometer	4 70
Miner's examination room rent, etc	38 20
Notary commission for office	2 00
Muslin signs for Conservation Exhibition	3 00
Total	$4,827 75

Total Disbursements and Receipts.

Salaries	$36,112 90	
Traveling	9,255 71	
Office Expense	4,827 75	
License Fees		$13,079 00
Miners' examination fees		181 00
Totals	$50,196 36	$13,260 00

REPORT OF DEPUTY INSPECTOR OF BUILDINGS, FACTORIES AND WORKSHOPS.

Hon. Edgar A. Perkins, Chief Inspector, State Bureau of Inspection, Indianapolis, Indiana:

My Dear Sir—I herewith submit the Second Annual Report of the Department of Inspection of Buildings, Factories and Workshops, for the fiscal year ending September 30, 1913.

WORK ACCOMPLISHED.

In viewing the work of the past year, we feel that the department has just cause to feel proud of its record, as some very satisfactory results have been accomplished in the different branches of our work. In many instances large employers are showing a deep interest in safeguarding the life and health of their employes, and have established "Safety First" departments in their plants, and gladly accept the recommendations of this department for the improvement of conditions in their establishments. This department has also been greatly benefited by the hearty co-operation we have received from the State Fire Marshal's office.

FIRE ESCAPES.

We have exerted every possible effort to safeguard the schools, factories, hotels, theaters and public buildings so as to prevent a loss of life in case of fire or panic, and as a result of our efforts along this line, six hundred and forty-five (645) fire-escapes have been ordered, and of this number four hundred and two (402) have been erected and approved during the fiscal year, and contracts have been let for a large number of the remainder.

THEATERS AND MOVING PICTURE SHOWS.

Protecting our people against possible disaster in the theaters and moving picture shows presents a difficult task, especially in the absence of adequate laws to cover the situation. Realizing the importance of providing the fullest measure of safety in buildings of this character, we have used every conceivable method to bring about the proper safeguarding of all the buildings by arranging sufficient exits and necessary precaution against fire, and in a number of instances we have been compelled to take the matter

up with the local authorities and arouse them to the dangerous situation that exists in their midst, before the owner of the building can be persuaded to provide the proper safeguards. Several fires and panics have occurred in theaters in this State during the past year, but we were very fortunate in having them safeguarded in the way of sufficient exits, and as a result every person was able to leave the building unharmed.

There still remains in the State a number of theaters that this department considers very dangerous. These buildings were erected before the passage of the present theater law, which was enacted in 1905, and exempts buildings in use at that time. But realizing the possibility of a disaster that lurks in these buildings, we are taking the matter up with the local officials, and at present there are six theaters of this character closed or undergoing the necessary changes to provide the proper standard of safety, and we are endeavoring to bring about a realization of the dangerous condition of the others before it is too late.

ACCIDENTS.

A special effort has been made to secure a report of all accidents in accordance with the law requiring that all accidents be reported within forty-eight (48) hours, and as a result the report shows a large increase in the number of accidents over the year of 1912. We encourage employers to report all accidents, even though they may be very slight and occasion no loss of time, for as an indicator of danger, a trivial accident may be quite as significant as a serious one, and gives the department an opportunity to suggest a safeguard. We find that a great many accidents are due to lack of judgment and inexperience, and we endeavor to impress upon employers the importance of using care in engaging men for dangerous employment. In the work of investigating all serious accidents, we are somewhat handicapped owing to an insufficient number of inspectors, as it often happens that an inspector is a considerable distance away from the scene of the accident, and some time necessarily elapses before his arrival.

FEMALE LABOR.

Being thoroughly imbued with the principle that man's highest duty is to secure for womanhood the greatest degree of appreciation and respect, regardless of her color, age, or station in life, we put forth our best endeavors to secure for the working women of our

State the fullest possible degree of safety and comfort that the law provides. Owing to woman's inability to endure strain and hardships, we feel that additional legislation should be enacted that will preserve the health and strength of the future mothers and insure the appreciation and protection that is so justly due them. The Legislature of 1913 provided for a commission of five members to investigate the working conditions and hours of labor of women, and report their findings to the Legislature of 1915, and it is our earnest prayer that their work may be highly successful to the end that existing wrongs may be righted.

CHILD LABOR.

We have endeavored to maintain a strict compliance with the Child Labor laws, and as a result of our activities along this line there were sixty cases of violation prosecuted in the courts of the State, with a total of fines, amounting to $1,047.90. The department is grateful to the children's aid associations, truancy departments, juvenile court officers and school authorities for the assistance that has been rendered in enforcing the Child Labor Law, and the Compulsory School Attendance Law passed by the Legislature of 1913. Section two of the Compulsory Education Law provides that:

> "No child under sixteen years of age who under the provisions of this act would otherwise be required to attend school, shall be employed in any occupation during hours wherein the common schools at the residence of the child are in session, unless the child shall have attained the age of fourteen years and shall have procured a certificate from the executive officer of the common school corporation of which the child is a resident, or some person designated by him, showing the age, date and place of birth, if known, or ascertainable, of such child and showing that the child has passed the fifth grade in the common schools, or its equivalent, and a written and signed statement from the child's employer showing that the person making it has employed or is about to employ, such child; and showing the place and character of the employment."

This section was incorporated for the purpose of preventing the issuing of false certificates.

NEED OF ADDITIONAL INSPECTORS.

I would be lacking in my duty if I failed to endeavor to impress upon the minds of the people of the State the great need for additional inspectors. With our force limited to five inspectors, as arranged at present, it is impossible to thoroughly cover all the duties of the office, when we realize the important work of this department, such as the safeguarding of machinery and all dangerous places; preventing occupational diseases and industrial poisons; sanitation and ventilation; providing exhaust systems for the removal of injurious dusts, gases, fumes and vapors; investigating all industrial fatalities and accidents; the proper diffusion of light in work rooms for the protection of the eye; safeguarding the people in case of fire or panic in the schools, factories, hotels, theaters and all public buildings; the strict enforcement of the Child Labor laws, and the safeguarding of the lives, health, and morals of the women and children employed in the factories and mercantile establishments of our State, we can readily realize the importance of having a sufficient force to insure a thorough and complete conduct of the duties of the department. For instance, during the past year we have had fires occur in hotels, theaters and moving picture shows, but fortunately all had been provided with the proper emergency exits and every person escaped. Another instance, a school building had just been vacated after insistent urging on our part, and one week later at 3:00 o'clock in the afternoon, a strong gust of wind leveled it to the ground. One can readily realize the terrible result had the building been occupied at the time.

In several of our sister States they have come to look upon the inspection department as the most important branch of the state government. This awakening has been due to a number of disastrous occurrences in their midst. We are exerting every effort to prevent any such disasters in our State, and to accomplish this end we earnestly appeal for the hearty co-operation of every citizen in the State.

In conclusion I wish to state that I trust the day is not far distant when the proper humane spirit shall prevail in all establishments in the State and the employer will look forward with pleasure to a visit of the inspector, to the end that by a hearty co-operation with him in providing for the safety and comfort of his employes, he will be in a position to enjoy freedom of conscience that gold cannot buy.

In closing, I desire to thank the members of the department both in the field and office for the manner in which they have discharged their duties. In presenting this report, it is with pleasure that I express the thanks of the members of the department and myself for the hearty co-operation that you have given us at all times.

Respectfully submitted,

JOHN J. WALSH,

Deputy Inspector of Buildings, Factories and Workshops.

STATISTICAL ANALYSIS.

Showing the Number of Persons Employed in the State as per Our Records, Number of Fire-Escapes Ordered and Erected, the Number of Factories, Workshops, Hotels, Schools, Theaters, Hospitals, Water Crafts, Etc., Inspected, and Report of Accidents for the Fiscal Year Ending September 30, 1913.

Total Number of Employes in State as per Our Report, 1913—		
Males	284,575	
Females	51,314	
Boys between 14 and 16 years of age	3,210	
Girls between 14 and 18 years of age	3,978	
Total		343,077
Number of fire-escapes ordered		645
Number of fire-escapes erected and approved		402
Factories and workshops inspected	2,201	
Hotels and lodging houses inspected	521	
Schools and churches inspected	291	
Theaters inspected	337	
Hospitals inspected	15	
Return visits and advisory inspections	625	
Water craft inspections	60	
Total		4,050

REPORT OF ACCIDENTS, 1912–1913.

Fatal Accidents	85
Serious Accidents	941
Slight Accidents	3,296
Total	4,322

FATAL ACCIDENTS.

Transmission of power	7
Conveying and hoisting apparatus	21
Metal working machinery	2
Polishing machines	1
Machines not elsewhere specified	2
Fire, heat and electricity	28
Fall of persons	7
Falling weights, etc	9
Flying objects	1
Miscellaneous	7
Total	85

SERIOUS ACCIDENTS.

Transmission of power	60
Conveying and hoisting apparatus	81
Woodworking machines	130
Paper and printing machines	12
Textiles machinery	9
Metal working machinery	98
Wire working machinery	4
Stone working machinery	7
Polishing machines	15
Other machines	20
Heat and electricity	64
Fall of persons	86
Falling weights, etc	209
Flying objects	44
Miscellaneous	102
Total	941

SLIGHT ACCIDENTS.

Transmission of power	73
Conveyor and hoisting apparatus	82
Woodworking machines	234
Paper and printing machinery	28
Textiles machinery	21
Metal working machinery	194
Wire working machinery	27
Stone working machinery	16
Polishing machines	183
Machines not elsewhere specified	41
Heat and electricity	176
Fall of persons	259
Injured by falling weights, etc	762
Flying objects	514
Miscellaneous	686
Total	3,296

REPORT OF DEPUTY INSPECTOR OF BOILERS.

To E. A. Perkins, Chief Inspector of the State Bureau of Inspection:

Dear Sir—In submitting to you this my Second Annual Report of the department for the inspection of steam boilers, tanks, jacket kettles, etc., I wish to thank the boiler insurance companies and their various chiefs, supervising and field inspectors, also the assistant deputy inspectors of this Department for their hearty co-operation in enforcing the new law in such a manner as would cause but little hardship on the owners and users of steam for power, heating and other purposes.

During the last session of the General Assembly, a law was passed to govern the construction, installation and inspection of all boilers, tanks, jacket kettles or other devices carrying pressure of whatsoever kind.

It is not as complete or general in its scope as the Massachusetts, Ohio, or other city and state laws covering boilers, but can be added to by future assemblies so as to rank with the laws in the places aforesaid mentioned. The tendency of the various States, cities, the boiler manufacturing companies, the insurance companies and the steel plate mills is for a standard or uniform law to govern all States. This would do away with much confusion and would be of untold benefit to all, reducing the cost of manufacture and producing a boiler that would pass inspection in any State, city, etc. The Boiler Inspection Law prevented the shipping into this State many old and worthless boilers and compels the manufacturer to build a better and stronger boiler for installation in this State.

I have had two general meetings of the inspectors of the various insurance companies, along with the assistant state deputies, for the purpose of taking up conditions created by the Boiler Inspection Law, and will say that the meetings have proven to be of great benefit in settling disputed points and resulting in a hearty co-operation of all insurance companies, their inspectors and the state deputies in carrying out the intent and purpose of the law, with but little objection on the part of the owners and users of steam boilers against the measures of safety required to place the plants in number one condition.

There have been but few boiler explosions or boiler ruptures since the last report, due in a great measure to the enforcing of the law. A boiler explosion occurred December 29, 1912, at Ashboro, of a vertical type boiler. Inspector Vane's report on the explosion was that the glass water gauge was inoperative, the check valve was clogged with scale, also the feed pipe; the check valve was corroded to the seat so fast it had to be pried apart, the bottom gauge cock was plugged with scale, the steam gauge when found registered 115 pounds, the firebox of the boiler was collapsed and burned, showing the cause to have been low water. Fortunately the engineer had left the boiler room and was uninjured. A traction boiler near Earl Park, that was being used to shell corn, ruptured and scalded the owner engineer who had screwed down the pop valve. The engineer claimed he had 145 pounds pressure. Inspector Faulconer reports cause of explosion due to excessive pressure, the firebox sheets pulling away from the staybolts on bottom of firebox. Several cast iron sectional boilers have exploded, due to low water, from negligence of person in charge who generally has other duties to perform besides looking after the boiler.

Many second-hand boilers have been inspected since the new boiler law went into effect, as it is compulsory on the owner or user to have the boiler inspected before being placed in service, and in the majority of cases have been found unsuitable for service at the pressure required by the plant, as the most of the second-hand boilers have been overloaded, overworked or worn out. While the first cost is greater in installing a new boiler, it is cheaper in the end than to buy some second-hand boiler and get but little service from it.

Respectfully submitted,

JOHN F. GALLIVAN,
Deputy Inspector of Boilers.

TABULATED STATEMENT OF INSPECTIONS MADE AND LICENSE FEES COLLECTED BY THE STATE BUREAU OF INSPECTION, 1913.

The following is an explanation of letters and characters used in first column, also column "Orders Issued and Complied With":

A. Relates to guarding machinery and belting.

B. Relates to affidavits, registers, names of those between the ages of 14 and 16 years, and posting of laws.

C. Relates to toilets, washrooms and resting seats.

D. Relates to elevators, hoisting shafts and railing on stairways.

E. Relates to fire escapes, exits, alarms, ropes, lights, posting notices in sleeping rooms, doors to swing outward, how to reach fire escapes.

F. Relates to air space, water and ventilation.

G. Relates to bake shop, screens, whitewashing, cuspidors and sanitary regulations.

H. Relates to inspection of boilers or anything pertaining thereto. In first column double dagger means order issued by Boiler Department but not complied with. In column "Boilers Inspected and by Whom," the letters S. D. means State Deputy; Ins., means Insurance Company; B. M. means Boiler Maker; Eng., means Engineer.

I. Relates to Theatre construction.

J. Relates to Miscellaneous.

K. Relates to State License.

Dagger indicates license fee paid.

Star indicates two fees paid in 1913, one being a delinquent fee.

ABOITE, ALLEN COUNTY. (Population, Census, 80.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Sprang Clay Products Co	Drain tile	10					Steam	1				S. D		

ACTON, MARION COUNTY. (Population, Census, 460.)

†Acton Canning Co	Cannery	15	30			60	Steam			1		Ins	H	
Chilian, Frank	Saw mill						Steam	1				S. D		

ADE, NEWTON COUNTY. (Population, Census, 20.)

McCray, Morrison & Co	Grain elevator						Steam	1				Ins	H	

ADVANCE, BOONE COUNTY. (Population, Census, 416.)

Advance Grain Co	Grain elevator						Steam	1				Eng		

AETNA, LAKE COUNTY. (Population, Census, 161.)

†Aetna Powder Co	Explosives	296		4		60	Steam	2	2			Ins	H	

AKRON, FULTON COUNTY. (Population, Census, 1000.)

‡Akron High School	High school						Steam	1		2		S D		
‡Akron Light, Heat & Power Co	Light and power						Steam	1				S.D.Eng.		
Akron Milling Co	Flour mill						Steam	1				Ins		
†Akron Telephone Co	Telephone	1	4		5	48								
‡Central Lumber Co	Lumber						Steam	1				Ins		
‡Gast, A. A. & Son	Brick and tile	20				60	Steam	2				S.D.Eng.		
†Strong, E. O	General merchandise	5	2			60								
†Summit Canning Co	Cannery	1	20	3		60								

ALBANY, DELAWARE COUNTY. (Population, Census, 1,400.)

†Albany Paper Co	Box boards	46				60	Steam	1	3			Ins	H	
Albany Water & Light Co	Water and light						Steam	2				Ins		
†Co-operative Telephone Co	Telephone	2	7			56								
†McCormick Bros. Co	Sheet metal goods	19	1											

ALBION, NOBLE COUNTY. (Population, Census, 1,200.)

‡Albion Creamery Co	Butter	2					Steam	1				S.D.,B.M.		
Albion Tile Co	Brick and tile	4				60	Steam			1		S. D		Fair.
Albion Water & Light Co	Water and light						Steam	2				Ins	H	
Chilcote, J. M	Saw mill						Steam			1		S. D		
Landgraff, Frank	Drain tile						Steam			1		S. D		
Pickett, E. E	Bakery	2				60								Good.
Winebrenner, Melvin	Saw mill						Steam	1				S D	H	

ALEXANDRIA, MADISON COUNTY. (Population, Census, 6,000.

Alexandria Crushed Stone Co	Crushed stone							1		1		Ins	H	
†Alexandria Opera House	Theatre	2	1			42								
†Alexandria Paper Co	Paper	77	15			60	Steam	7				Ins	H	
Alexandria Water Works	Water						Steam	2				Ins	H	
†American Insulating Co	Rock products, etc	16					Steam	1		1		Ins	H	
†Banner Rock Products Co	Cold storage insulation	20				D & N	Steam	2				Ins	H	
†City Laundry	Laundry	2	5			55	Steam			1		Ins		
†Imbler Fence & Mfg. Co	Woven wire fencing	8				60	Elec							
†Indiana General Service Co	Light and heat	42	5			60	Steam		3					
†Kempster & Bailey	Laundry	2	4			54	Steam	1				Ins	H	
†Kent Hotel	Hotel		3			50								
†Leeson, R. L. Co	General merchandise	10	12			63								
†Lippincott Glass Co	Lamp chimneys, etc	428	67	2	3	50	Steam	3				Ins	H	
Penn American Plate Glass Co	Plate glass						Steam	4				Ins	H	
Swindell, Chas. R	Saw mill						Steam			1		S. D	H	
Urmston Grain Co	Elevator						Steam	1				Ins		

ALPINE, FAYETTE COUNTY. (Population, Census, 30.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Sherwood Bros	Saw mill						Steam			1		S. D		
Stone & Shuttleworth	Saw mill						Steam			1		S. D		

AMBOY, MIAMI COUNTY. (Population, Census, 521.)

‡Amboy Creamery Co	Creamery						Steam	1				S. D		
Levengood, Wilson							Steam			1		S. D		
Thorn & Son	Flour mill						Steam	1				S D	H	

AMO, HENDRICKS COUNTY. (Population, Census, 450.)

Amo Mill & Elevator Co	Mill and elevator	3					Steam	1				Ins		
‡Horn, Frank M	Saw mill						Steam	1				S.D.Eng.		

ANDERSON, MADISON COUNTY. (Population, Census, 22 476.)

†*American Rotary Valve Co	Vacuum machines and motors	143	12			55	Steam	2				Ins	A, B, D, H.	Good.
†American Steel & Wire Co	Steel wire and nails	447	1			51	E. and S.	12	12			Ins	H	
†Ames Shovel & Tool Co	Shovels and tools	160	2	5		48	Steam	4				Ins		
Anderson Art Glass Co	Art glass	11				58							G	Bad.
†Anderson Automobile Co	Garage and repairs	7	1			54	Elec							
†Anderson Banking Co	Banking	7				48								
Anderson Canning Co	Cannery						Steam	2				Ins	H	
†Anderson Carriage Co	Carriage	9	1			54							A, B, D	

†Anderson Computing Scale Co	Computing scales	9		1		54	Elec						A, G	Fair.
‡*Anderson Dressed Beef Co	Slaughtering	6				48	Steam	1				S. D	B	Good.
†Anderson Foundry & Machine Co	Machinery	64	2			55	Elec						A	Fair.
†*Anderson Herald	Newspaper	33	12			54	Elec						A	Good.
†Anderson Knife & Bar Co	Machine knives	40	1			55	Elec						A, B, D	Poor.
†Anderson Loan Association	Building and loan	8	1			42								
†Anderson Mattress Co	Mattresses	10	8			54	Elec						A, D	Good.
Anderson Plating Co	Plating	2				60							A	Fair.
†Anderson Rubber Works	Vulcanizing	25	2			60	Elec							
†Anderson Tool Co	Iron and brass foundry	33				56	Elec						B	Good.
†Anderson Transfer Co	Livery and transfer	15	1			84								
†Anderson Water Works	Water	5				84							A, D	Good.
†Anderson Wire & Steel Co	Woven wire fencing	14	1			55							A	Good.
†Arcade File Works	Steel files and rasps	451	53	47	16	50	G and S	6				Ins	A, D, H	Good.
†Atherton Sons, M	Retail lumber and planing mill	7				53	Elec						A	Good.
Auto Inn Co	Auto repairs	5				60	Elec						A	Good.
†Bailey & Co	Coal yard, etc	7	1			54								
†Barber Mfg. Co	Bed springs, etc	28		2		55	Elec						A, B, D	Good.
†Benham Printing Co	Printing	3	2	1		51								Good.
Fig Four Round House	Engine repairing	40				63	Steam	2				B, M	B, D	Good.
†Bings Sons & Co., B. I	Men's furnishings	7	1			59								
‡Brown, Melvin	Manufactering molasses						Steam	1				S, D		
†Broyles, W. E	General merchandise	4	3			42								
†Buckeye Mfg. Co., The	Automobiles	190	9		1	55	Steam	2				Ins	A, D, G, H	Fair.
†Bulletin Printing & Mfg. Co	Printing	23	3			48	Elec							
†Cates & Son	House furnishings	4	1			48								
Central Garage	Auto repairs	4				70							A	Good.
†Central Heating Co	Heating	8	1			84	Steam		4			Ins	H	
‡Central Indiana Gas Co	Gas manufacturing	5				84	Steam	2				S.D.,Eng	A, B, D	Good.
Central Union Tel. Co	Telephone	10	35			48							B	Good.
†Citizens Bank	Banking	6				48								
City of Anderson Elec. Lt	Municipal						Steam		5			S.D., Ins	H	
†Clark Transfer Co	Transfers	18	1			60								
†F. C. Cline Lumber Co., The	Retail lumber and plaining mill	5				55	Elec						A, B	Good.
†*Columbia Hotel	Hotel	9	4			63								
†Computing Cheese Cutter Co	Cheese cutters	10	2			60	Elec							Good.
†Crystal Entertainment Co	Moving pictures	5	1											
Crystal Ice Co	Ice	6				72	Steam	3					H	Good.
†Daniels, Lyst & Douglas	Contractors	100				58½	Steam							
Davis Bros. Drain Tile Co	Drain tile						Steam	1				S. D.,Ins	H	
†Delaware & Madison County Tel. Co	Telephone	2	13			54							B	Good.
De Tamble Motor Co	Automobiles	250				60	Steam	2				S. D	H	Good.
‡†Diamond Laundry	Laundry	3	4			60	Steam	1				S.D., Eng	A, C, H	
†Dice Engine Co	Engines	14	1			55	Elec							Good.
†Dietzens Steam Bakery	Bakery	5				60	Elec						B	Good.
‡†Doxey Hotel	Hotel	11	7			56	Steam	1				S.D.,Eng		

ANDERSON, MADISON COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
‡†Dwiggins Wire Fence Co.	Wire fencing	37	3			60	S. and E.	1				S. D.	A	Fair.
†East Side Restaurant	Restaurant	5	4											
Engle, O. L.	Job printing	3				48								Good.
*Farmers Trust Co.	Banking	4	4			48								
‡†Fletcher Enamel Co., The	Enamel ware	68	30	2	6	54, 59	E. and S.	1				S.D., B.M.	C, H	Bad.
‡*Frazier Stove Co.	Stoves	22	1			50	Steam	1				S.D., Ins.	A, H	
†Gates, G. W. & Co.	Ready-to-wear	10	10			60, 62								
†Gedge Bros. Iron Roofing Co.	Sheet metal goods	8	2			60	Elec.							Good.
†General Cement Products Co.	Cement	5				60	Elec.							
†Grand Hotel Co.	Hotel	16	10			56, 70								
†Grand Laundry Co.	Laundry	9	36			58	E. and S.	1				S.D., Ins.	B, H	Good.
†Grand Opera House	Theatre	3				40								
†Hadley, Geo. W.	Grocery	4	1			60								
†Harter Hotel	Hotel	1	4			70, 80								
‡Hartman, Geo. W.	Saw mill						Steam	1				S. D.		
*‡Hazlewood Lumber & Mfg. Co.	Lumber and coal	7				60	Steam	1				S.D.,Eng.	D	Good.
‡†Hill Machine Co., The	Pumping machinery	43	2			50, 55	Steam	1				S.D.,Eng.	A	Good.
Hill Stage Co.	Vulcanizing specialties	4				60	Elec.						A, B	Good.
†Hill Standard Mfg. Co.	Childrens vehicles, etc.	78	16			56¼	Elec.						A,	Good.
Ideal Mfg. Co.	Cheese cutters and cabinets	3	2			60							A, B	Good.
†Indiana Brick Co.	Brick	84	1			42, 54	Elec.						A, B, C	Good.
†Indiana Ice & Dairy Co.	Ice and dairy	22	1			48	Steam	5				S.D., Ins.	B, H	Good.
†Indiana Silo Co.	Silos	53	7			46, 59	Elec.						A, B	Good.
†Ireland & Combs	Restaurant	6	3			60								
†Kaufman's Hardware	Hardware	5	4			52	Elec.							
Kresge, S. S.	5 and 10 cent store	27				58							A, D	Good.
Lagle, W. H.	Ice Cream	3	1			70								Good.
†Larrimer, W. B.	Retail furniture	5	2			48, 70								
†Lavelle Foundry Co.	Foundry	14	1			42, 54	Elec.						A, C	Fair.
†Lott's Furniture Store	General merchandise	7	3			60								
Madison County Commissioners	Court House						Steam	2				Ins.	H	

†*Masters & Shackleford	Grocery, bakery and meats	12	3			45,63								
Mathes & Sons	Wagons	5				54	Elec						A	
†Mays Supply Co	Plumbing and mill supplies	7	1			48, 60	Elec							
†McCrory Co., J. G	5 and 10 cent store	2	8		4	52, 57								Good.
†McMahan, Leib Co	Wholesale grocers	18	1			55, 47								
†Meridian Theatre	Picture show	3	2			36								
‡†Miller, Chas. E	Vulcanizing	26	2			50, 59	S. and E.	1				S. D	B	Good.
†Moulton & Smith Co	Wholesale fruits	8	2			55, 60								
†*National Exchange Bank	Banking	4	1			36, 42								
†National Tile Co	Tile	187	84			55	Steam	2				S.D., Ins.	A, H	Good.
†Nichol Hardware Co	Hardware	9	1			48, 57								
†Norton Brewing Co., The	Brewery	45				48, 56	Steam	4				S.D., Ins.	A, B, D, H.	Good.
‡Nyberg Auto Works	Automobiles	102	7			58	S. and E.			1		S. D	A	Good.
†Oepheum Theatre	Moving pictures	2	1			39								
†Oswalt Printing & Paper Co	Printing	7	3			48, 54	Elec						A, B, D	Good.
†Patent Vulcanite Roofing Co	Roofing	48				60	Steam		4			S.D., Ins.	A, B, D, H.	Fair.
‡Pennsylvania Glass Co	Glass	100	5			60	Steam	2				S. D	A, C, D	Poor.
†Philadelphia Quartz Co	Chemicals	25				60	Steam		1	1		S.D., Ins.	B, F, H	Good.
†*Phillips, Joseph L	Grocery	6	1			48, 60								
†Pierce Furniture Co	Tables	12		1		55	Elec						A	Good.
†Pilger & Bros., N. J	Furnishing goods, etc	6				58								
Pioneer Pole & Shaft Co	Poles and shafts						Steam	1				S.D., Ins.	H	
†Princess Theatre	Moving pictures	3	1			40								
†Rawlings & Co	Department store	15	25			57	Elec							Good.
†Read, Canaday Co	Wholesale grocers	12	1			48, 55								
Reliable Machine Co	Machinist	2				60							A	Good.
†Remy Electric Co	Electrical apparatus	452	31	11	15	45, 52½	Steam	2				S.D., Ins.	A, D, F	Good.
†Reynolds Gas Regulator Co	Gas regulators	37	1			48, 56½	E. and G.							
†Rhoads, Samuel	Wagon works	6				54	Elec							
†Salling, N. P	Lumber and coal	9	1			54, 48	Gas						A, B	Good.
†Sapp, John W	Barber shop and sanitorium	10				112								
‡Schalk Bros	Mill and elevator	5				60	Steam	1				S. D	A	Good.
†Schuster Bros	Clothing	8				55								
†Sefton Mfg. Co., The	Corrugated paper boxes	324	103	2	75	56	Steam	2	2			S.D., Ins.	A, H	Good.
†Simplex Mfg. Co	Machine shop	10				56	Elec						A	Good.
†Spencer Hotel	Hotel and bar	4	1			54								
†Spring Steel Fence & Wire Co	Wire fencing	13	2			50, 56	Steam	1				S.D., Ins.	A, D, H	Good.
†Stafford, Jesse	Restaurant	5	4			63								
Standard Ice Cream Co., The	Ice cream	3				60							B, G	Good.
Standard Oil Co	Oil	6					Steam	1				S.D., Ins.	H	
†Star Foundry & Machine Shop	Foundry	34	1			55	Elec						A, C	Fair.
†Star Theatre	Moving pictures	1	1		1	36, 40								
†Stuart & Haugh	Florist	6	1			57, 60	Gas							
†Union Grain & Coal Co	Grain and coal	16				60	Steam	1				S.D., Ins.	A. D, H	Good.
Union Real Estate Co	Office building	10					Steam		2			S.D., Ins.	H	
†*Union Traction Co	Electric railway and power plant	1,195	5			56, 72	Steam		14			S.D., Ins.	A, H	Good.
Vandenbeark, M. W	Dry goods, etc	13	2			58							D	Good.
†Van Petten, S. L	Dry goods and carpets	4	8			57, 63								
†*Walton, R. J. & Co	Lumber	10				54	Steam	1				S.D.,Eng.	A, H	Good.

ANDERSON, MADISON COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Webber, Baxter Co.	Machine knives, vacuum machinery	5	1			40, 55	Elec.						A	Good.
†Wellington Milling Co.	Flour mill	5	1			48, 60	Gas							Good.
†White House, The	Department store	20	55			54½							B	Good.
†Winters. Mercer & Brannum Lbr. Co.	Lumber	7				54	Elec.						A	Good.
†*Witts Restaurant	Restaurant	5	5											
Woolworth, F. W. Co.	5 and 10 cent store	3	24			58							B	Good.
†Wright Rich Cut Glass Co.	Cut glass	32	6			55	S. and E.	2				S.D., B.M.	B	Good.

ANDREWS, HUNTINGTON COUNTY. (Population, Census, 957.)

Andrews Signal	News and job printing	2	1			60	Gas						B	Good.
‡Home Light & Power Co.	Light and power	1					Steam	1				S. D.	H	
‡Newell, Geo. W.	Saw mill	6				55	Steam	1				S. D.	B	Good.
Wasmuth & Sons, A.	Grain elevator	3				60	Steam	1				Ins., S.D.	B, H	Good.
†Wasmuth, Endicott Co.	Kitchen cabinets	66	2	2		50, 55	Steam	2				S.D., Ins.	A, B, E, H.	Good.

ANGOLA, STEUBEN COUNTY. (Population, Census, 2,610.)

†*Angola Brick & Tile	Brick and tile	20				60	Steam	1				S.D., Ins.	H	
†Angola Herald	Newspaper	4	2	1		59								
Angola Light & Power Co.	Light and power						Steam		2			Ins.		
‡Angola Roller Mills	Rolling mills	3					Steam	1				S.D., Ins.		
‡Auburn Automobile Co.	Automobiles	20					Steam	2				S. D.		
‡*Bachelor Brick & Tile Co.	Brick and tile	15				60	Steam	1				S.D., B.M.		
†Brokaw Theatre	Motion pictures	3	1											
†Butz, J. W.	Saw mill	12					Steam	1				S.D., Ins.		
†Croxton Opera House	Theatre													
†Indiana Utilities	Light and power	12	3			48, 69	S and E.		2			S.D., Ins.		

†Love, Willis W	Cigar	14			1	45, 47½								
†Modern Steam Laundry	Laundry	3	7			60	Steam	1				Ins		
†Owens, Thomas	Wholesale butter and eggs	20	10			60	Steam	1				S. D		
†Pattersons Dept. Store	Department store	8	2			60, 72								
‡†Ramsay & Son, A	Stave mill	6					Steam	1				S. D		
†Rex Theatre	Moving pictures	2	1											
†Stiefel's Sons, J	Department store	19	21			58, 62								
†Universal Tire Protector Co	Tire protectors	5				60								
†Watson Restaurant	Restaurant		7			80½								
‡Webb, Delmar	Peppermint distillery						Steam	1				S. D		

ANTHONY, DELAWARE COUNTY. (Population, Census, 52.)

Woodberry & Elliott Co	Grain elevator						Steam	1				S. D	H	

ARCADIA, HAMILTON COUNTY. (Population, Census, 990.)

Globe Glass Co							Steam	3						

ARCOLA, ALLEN COUNTY (Population, Census, 350.)

Arcola Stave Co	Barrel staves						Steam			1		Ins	H	
Keough & McFadden	Grain elevator						Steam	1						

ARGOS, MARSHALL COUNTY. (Population, Census, 1,088.)

Argos Co-operative Creamery Co	Creamery	2	1			60	Steam	1				Eng	A, B, C	Good.
Argos Electric Lt. & Water Co	Light and water	2					Steam	2				S.D., Ins.	H	
Argos Ice Company	Ice	5					Steam	1				S.D., Ins.		
Argos Reflector, The	News and job printing	2	1			54	Gas						B	Good.
Bock Estate, Leonard	Flour and feed	3					Steam	1				S.D., Ins.		
Drake, Y. S	Bakery	2				72								Good.
Lake Erie Elevator (W. A. Maloy)	Grain elevator	2				60	Steam	1				S.D., Ins.	B, D	Good.
†National Retail Hardware Assn	Retail hardware	6	4			52								
Nickle Plate Elevator	Elevator	2				60	Gas						B	Good.
†Schafer, Lewis N	Saw mill	12				60	Steam	1				S.D., Ins	A, B	Fair.
†Wickizer, McClure Co	Printing	16	4			54	S. and E.	1				S.D., Ins.	A	Good.

ASHGROVE, TIPPECANOE COUNTY. (Population, Census ——.)

Name of Firm or Establishment.	Goods Manuactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Crab –Reynolds, Taylor Co	Grain elevator						Steam	1				Ins		

ASHLEY, STEUBEN COUNTY. (Population, Census, 639.)

Ashley, Hudson Grain Co	Flour mill						Steam	1				S. D		
Ellis & Kirklin	Flour and grain						Steam	1				Eng		
‡Mortorff, Ira	Saw mill						Steam	1				S. D		
Town of Ashley	Light						Steam	1				S.D.,Eng		
Wabash Railroad	Railroad pumping station						Steam	2				B, M		

ATHERTON, VIGO COUNTY. (Population, Census, 225.)

†Retlaw Mines Co	Mining	190				48	Steam	4				S.D.,Eng		

ATKINSON, BENTON COUNTY. (Population, Census, 50.)

Atkinson Grain Co	Grain elevator						Steam	1				Ins		
McConnell & Messler Co							Steam	1				Ins		

ATLANTA, HAMILTON COUNTY. (Population, Census, 876.)

Atlanta Canning Co	Canning	20	60				Steam	1				S.D., Ins		
Walton & Whistler	Flour mill, elevator	4					Steam	1				S.D., Ins		

ATTICA, FOUNTAIN COUNTY. (Population, Census, 3,335.)

†Attica Artificial Ice & Bottling Co	Ice and soda water	7				70	Steam	2				Ins	H	
Attica Bridge Co	Structural iron						Steam	1				Ins		
†Attica Gravel Co	Sand and gravel	9	1			48, 60	Steam							
Attica Water & Light	Municipal						Steam	4				Ins	H	
†Attica Ledger Press, The	Printing	1	5			59								
†Central National Bank	Banking	4	1			48								
†Farmers & Merchants State Bank	Banking	3	2			54								
Galloway & Clark	Saw mill	4					Steam	1				S.D., Ins	H	
†Indiana Sand & Gravel Co	Sand and gravel	30				60	Steam	2		2		Ins		
†Kickapoo Sand & Gravel Co	Sand and gravel	16				60	Steam	2		2		Ins	H	
†McDermond, J. Frank	Department store	18	11			57, 64								
†National Car Coupler Co	Car couplers	360				60	Steam	3				Ins		
†Poston, C. E	Brick	50				60	Steam	2				Ins	H	
Stafford Grain Co	Grain elevator						Steam	1				Ins	H	
Wabash Railroad Co	Pumping station						Steam	1				B, M		
†White City Laundry	Laundry	3	13			55	Steam	1				Ins	H	
†Zeigler, Chas. W	Dry goods	2	3	1		57, 63								

AUBURN, DEKALB COUNTY. (Population, Census, 3,919.)

Auburn Automobile Co	Automobiles	230	4			60	Steam	2				Ins		
Auburn Auto Top Co	Auto tops	2				60							B	Good
Auburn Creamery Co	Creamery	2					Steam	1				S. D		
†Auburn Excelsior Co	Excelsior	12				60	Steam	1				S.D., Ins		
†Auburn Foundry Co	Foundry	18				59	Elec							
Auburn Garment Co	Ladies garments	4	5			60	Elec						B .D	Good
†Auburn Handle Co	Handles	10				60	Steam	1				S.D., Ins		
Auburn Lumber Co	Lumber	4				59½							B	Good
†Auburn Mfg. Co	Vehicle bodies and seats	74	1			50, 59	Steam	1				S.D., Ins	H	
Auburn Printing Co., The	News and job printing	8	2			54	Elec						B	Good
Auburn Roller Mills	Flour and feed	4				66	Steam	1				S.D., Ins	A	Good
Auburn Sanitary Kraut Co	Kraut	15					Steam	1				S.D., Ins	H	
†Auburn Steam Laundry	Laundry	3	4		2	50, 55	Steam	1				S.D., Ins		
Auburn Water & Light	Municipal	5				54	Steam		2			S.D., Ins	A, B	Good
Baker, E. A	Bakery	2				54	Elec						B	Good
‡Dekalb County Court House	Court house						Steam		2			S. D		
†Eckhart Carriage Co	Carriages	71	3		1	55	G. & E						A, B	Good
†Henry Opera House	Theatre	1				5								
‡Hodge, Chester J	Gravel and sand						Steam			1		S. D		
Indiana Fuel & Light Co	Fuel and light	6	1				Steam	1	1			S.D., Ins	H	
†Jones & Son, M	Dry goods	3	6			58, 64								
Lake Shore Elevator	Grain elevator	1				60							B, D	Good
‡Lockwood, M	Saw mill						Steam	1				S. D		
†Little Theatre	Moving pictures	1	1			18								

AUBURN, DEKALB COUNTY.—Continued.

Name or Firm or Establishment.	Goods Manufactured or business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†McIntyre, W. H., The	Carriages	40	6			59	E. & S.	1				S.D., Ins.	A, B, D, H.	Good.
Model Bakery	Bakery	2	2			60							B	Good.
Myers, James N	Repair shop	2				60							A, B	Fair.
†Schaab & Bro. Co	General store	6	9			66, 72								
Standard Mfg. Co	Cigar lighters	4				59							A, B	Good.
†Swineford Hotel	Hotel	4	8		2	54, 60, 72	Heat				1			
Thomas Baking Co	Bakery	4				60							B	Good.
Thomas Ice Co., The	Artificial ice	4	1			84	Steam.	1				S.D., Ins.	B	Good.
Thomas & Kessler	Saw mill	5				59	Steam.	1				S.D., Ins.	A, B	Fair.
‡Wyatt, E. J	Cider mill	4				60	Steam.	1				S.D.,Eng.	B	Good.
†Zimmerman Mfg. Co	Automobiles and buggies	74	6			58	Steam.	1				S.D., Ins.		

AURORA, DEARBORN COUNTY. (Population, Census, 4 410.)

†Acme Milling Co	Flour and feed	7				60	Steam.	1				Ins		
Aurora Brick Works	Brick						Steam.	1				Ins	H	
*Aurora Coffin Co	Caskets	33	16			50, 54	Steam.	1				Ins	H	
*Aurora Furniture Co	Furniture	49		1			Steam.	2				Ins	H	
Aurora Shoe Co	Shoes						Steam	1				Ins		
†Aurora Steam Laundry	Laundry	2	4			45	Steam.			1		S.D.,Eng.	H	
†Aurora Tool Works	Upright drills	29	1			50, 55	Steam.		1			Ins		
†Bosse & Opp	Coal	10				60	Steam.	2		2		Ins	H	
†Chambers, Stevens & Co	General store	5	4			60								
†Indiana Public Service Co	Light and water	9	1			48, 72	Steam.	2				Ins	H	
†Lyric	Picture show													
†Ohio Valley Buggy Co	Buggies	17	4			46, 55	Elec							
†Peoples Telephone Assn. of Indiana	Telephone	3	10			48, 54								
†Pittsburg Coal Co	Coal, retail	8	1			45, 54	Steam.							
Royer Wheel Co	Wheels						Steam.	4				Ins		
†Schultz, E	Clothing	3	2											
†Smith, H. W., Chair & Furniture Co	Furniture	7				60								

AURORA, DEARBORN COUNTY—Continued.

†Stedman Foundry & Machine Works	Foundry	49	1			48, 60	E. & S.							
†Stoll Meat Co	Abattoir	5	3			52	Steam			1		Ins	H	
*Wright & Sons, J. C	Lumber, builders supplies	20				60	Elec							
†Wymond Cooperage Co	Barrels	44				55	Steam	3				Ins	H	

AUSTIN, SCOTT COUNTY. (Population, Census, 398.)

†Austin Canning Co	Cannery	50	175	10	75	50, 60	Steam	3						

AVILLA, NOBLE COUNTY. (Population, Census, 579.)

Avilla Light & Water	Light and water	1				63	Steam	1				S.D., Ins.	A, B	Good.
Bishop Creamery Co., The	Creamery	1				72	Steam	1				S.D., Ins.	A, B	Good.
Exchange Mills	Flour and feed mill	2				54	Steam	1				S.D., Eng.	A, D	Good.
Stiefel & Levy	Grain elevator	2				60							A, D	Good.

AYRSHIRE, PIKE COUNTY. (Population, Census, 300.)

Ayrshire Coal Co	Coal mining						Steam	10				Ins	H	

BAINBRIDGE, PUTNAM COUNTY. (Population, Census, 449.)

†Bainbridge Canning Co	Canning factory	4	6			60	Steam	1				Ins	H	
Leavel, Isaac A							Steam	1				Ins	H	
*‡Priest & Talbott	Saw mill	6					Steam	1				S. D		

BALBEC, JAY COUNTY. (Population, Census, 104.)

Fiat Mill & Grain Co	Flour mill						Steam	1				S. D		

BARCE, BENTON COUNTY. (Population, Census, ——.)

Startz, W. F. Co	Grain elevator						Steam	1				Ins	H	

BARGERSVILLE, JOHNSON COUNTY. (Population, Census, 250.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.				Boilers Inspected and by Whom.	Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.			
Bargersville Creamery Assn							Steam	1				Ins		
Bargersville Elevator Co	Grain elevator							1				Ins		
Bargersville Lumber Co	Lumber						Steam	1				Ins		

BATESVILLE, RIPLEY COUNTY. (Population, Census, 2,151.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.				Boilers Inspected and by Whom.	Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.			
†American Furniture Co	Manufacturing furniture	138	6			60	Steam	1				Ins	H	
Batesville Cabinet Co							Steam	2				Ins	H	
†Batesville Casket Co	Manufacturing undertakers supplies	42	22			60	Steam	1				Ins	H	
Batesville Furniture Co	Manufacturing furniture						Steam	2				Ins	H	
Greeman Bros. Mfg. Co	Manufacturing furniture						Steam	3				Ins		
†Hillenbrand Co	Lumber	20					Steam	1				Ins	H	
†Nedderman Bros	Plaining mill	8				60								
†Union Furniture Co	Manufacturing furniture	74	1			60	Steam	2				Ins	H	
†Western Furniture Co	Manufacturing bed room furniture	25	1			60	Steam	1				Ins	H	

BATTLE GROUND, TIPPECANOE COUNTY. (Population, Census, 443.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.				Boilers Inspected and by Whom.	Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.			
Crabbs-Reynolds-Taylor Co	Grain elevator						Steam	1				Ins		

BEAVER CITY, NEWTON COUNTY. (Population, Census, 30.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.				Boilers Inspected and by Whom.	Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.			
Bassett & Courtney	Drain tile						Steam	1				Eng. S D		
Lyons, Rich & Light							Steam	1				Ins	H	

BEECH GROVE, MARION COUNTY. (Population, Census, 568.)

C, C, C & St. L. Ry, Co	Railway shops						Steam		10			B M	A, J, H	
Cleveland Grain Co	Grain elevator						Steam	3				Ins		

BEDFORD LAWRENCE COUNTY. (Population, Census, 18,716.)

†Atcheson & Sears	Plaining mill	4		1		60								
†Bedford Cut Stone Co	Cut stone	25					Steam	2				Ins	H	
†Bedford Foundry & Machine Co	Manufacturing stone working mchy	88	1			59	Elec							
Bedford Light Heat & Power Co	Electric light and power						Steam	4	1			Ins	H	
*Bedford Mail, The	Newspaper	4	2			54	Elec							
†Bedford Steam Stone Works	Stone	40				60	Steam	2				Ins	H	
Bedford Stone Co							Steam			1		Ins		
Bedford Stone & Construction Co	Stone quarry						Steam	2				Ins		
†Boniface, Weber & Allen	Wholesale grocery	19	2			60								
†Brooks Cut Stone Co	Sawed, planed and cut stone	17				57	Steam	1				Ins		
C. T. H. & S. E. Ry Co	Railway shops						Steam		4			S. D		
City of Bedford, Schools							Steam			2		Ins	H	
†Climax Stone Co	Stone quarry	19				60	Elec							
†Consolidated Stone Co	Stone quarry	289		12		59	S & E	8		53				
*Deckard Hotel	Hotel	2	7											
†Democrat The	Newspaper	5	2											
†East Bedford Stone Co	Stone quarry	18					S & E	3		1				
Elbert, Walker, Shirk Co							Steam		7			Ins		
*Falt, J. P. Co	Cut stone contracting	35				59	Steam	1				Ins		
†Furst, Herber Cut Stone Co	Cut stone and quarry	200					S & E	2	1					
†Giberson E. F. & Co	Cut stone and quarry	105				59	Steam	2		2		Ins	H	
*Home Artificial Ice Co	Ice and coal	10				60	Steam							
†Home Laundry	Laundry	5	14			48	Steam	1		1		Ins		
*Imperial Stone Co	Stone quarry	15				60								
†Independent Cut Stone Co	Cutting and setting stone	5				48								
†Indiana Bedford Stone Co	Stone mill	15				60	Steam							
†Indiana Quarries Co	Limestone quarry	1,448	1			69	S & E	5	4	51		Ins		
†Inyalls Stone Co	Cut stone contractors	62	3			48	S & E	1				Ins		
Gordan, W. I. Lumber Co							Steam	1				Eng		
†Lanz, Fry Lumber Co	Lumber, etc	7	1			60								
†McCormick Bros	Dry goods and furniture	3	7			54								
McMillen W. & Son	Stone quarry	150				60	Steam						A	
Middle West Utilities Co							Steam	2		1		Ins	H	
†Norton, C. S. Blue Stone Co	Stone quarry	15				60	Elec							
Ohio & Western Lime Co							Steam	2				S D, B.M.		
†Pitman H. E	Feed, flour and seeds	4	1			48								
†Rainbolt L. E	Retail grocery	8	2			75, 56								
*Reed Stone Co	Stone quarry	500				48, 60	Steam	3		4		Ins	H	
†Rowe John A	Monuments	9		5		59								

BEDFORD, LAWRENCE COUNTY—Continued

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Rowe, John A. Cut Stone Co	Building stone	62					Elec							
†Shea & Donnelly	Stone contractors	90				30	S. & E.	3				Ins.		
†Spear, I. L.	Saw mill	7												
Standish S. H. & Sons							Steam	1				Ins.	H.	
†Stone City Cut Stone Co	Cutting stone	25				59	Elec							
†Strauss, A. Dry Goods Co	Dry goods	1	4	1		55								
†Struble, Henry, Cut Stone Co	Cutting stone	70				60								
†Webb Dry Goods Co	Dry goods	2	8	1		56							J.	
*Wilson, W. A.	Mercantile	2	5											

BENNETT'S SWITCH, MIAMI COUNTY (Population, Census, 80.)

Concher, J. M. & Co							Steam	1				S.D., Ins.		

BENTON, ELKHART COUNTY. (Population, Census, 181.)

Wabash Railroad Co							Steam	1				B, M.		

BERNE, ADAMS COUNTY. (Population, 1 300.)

†Augsburger, Levi	Stone quarry	8				60	Steam	1				S. D.	H.	
†Berne Artificial Stone Co	Manufacturing cement products	8				60								
Berne Electric Light Co	Light and power						Steam	2				Ins.	H.	
Berne Hay & Grain Co	Hay and grain						Steam	1				Ins.	A, H.	Good
*Berne Hardware Co	Retail hardware	14	1			72								
†Berne Lumber Co	Saw and plaining mill	11				60	Steam	1				S. D.	H.	

†Berne Manufacturing Co	Manufacturing overalls	6	64			56								
†Berne Milling Co	Grain, seed and coal	5	60				Steam			1		S. D	H	
Berne Steam Laundry	Laundry						Steam			1		S D		
†Berne Witness Co	Publishing, etc	10	4			60								
†Gottschalk, Andrew	Manufacturing drain tile	9				60								
†Moser A. J & Co	Machinists and plumbers	6				60								
†Peoples Store	Dry goods	3	3			72								
Smith, P. W. & Co	Saw mill						Steam	1				S D	H	
*Swiss Milk Co	Condensed milk, etc	6				60	Steam	1				Ins	H	

BICKNELL, KNOX COUNTY. (Population, 2,794.)

Bicknell Coal Co	Mining coal						Steam	2				Ins		
†Bicknell Mining Co	Mining coal	137				48								
Deberry, John F							Steam	2				S D		
†Home Telephone Co	Telephone	1	4			84								
Indian Creek Coal & Mining Co							Steam	3				Ins	H	
†Knox Coal Mining Co	Mining coal	225				48								
†Linn Coal Co	Mining coal	22				48	Steam	2				Eng		
Tecumseh Coal & Mining Co	Mining coal						Steam	6				Ins		
Worth, Huskey Coal Co							Steam	5				Ins	H	

BIPPUS, HUNTINGTON COUNTY. (Population, 375.)

†Bippus Tile Co	Tile and building blocks	15				60	Steam	1				S. D	H	
Gandy O & Co	Grain elevator						Steam			1		S D Ins.	H	

BIRDSEYE, DUBOIS COUNTY. (Population, Census, 439.)

Reiners Wm F							Steam	1				B M.,S.D.	H	
Schnel, J. H							Steam			1		B. M		
†Southern Indiana Mfg. Co	Manufacturing chairs	17				60	Steam	1				Ins		

BLOOMFIELD, GREENE COUNTY (Population, 2,069.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Bloomfield Brick Co	Manufacturing brick	48				50	Steam	2		1		Eng	A, D	
†Bloomfield Ice & Produce Co	Manufacturing ice storage	5				60	Steam	1				Ins	A	
Bloomfield Mfg Co	Manufacturing metal specialties	4				60	Elec						A	
Bloomfield Milling Co							Steam	1				Eng		
†Citizens State Bank	Banking	3	2			48								
†Faucett Mfg. Co	Manufacturing chairs	79	3	7		60	Steam	2				Ins	A B	Good.
†Harrah M'g Co	Manufacturing automatic jacks	10	2			60	Elec							
†Home Light & Water Co	Light, water and power	7				84	S. & E							
†Hotel Elmora	Hotel	2	2			70								

BLOOMINGDALE, PARKE COUNTY. (Population, 528.)

*Bloomingdale Co-operative Creamery Co	Creamery	7				60								

BLOOMINGTON, MONROE COUNTY (Population, 10.000.)

†Blair & Kerr	Street contracting	25				60								
†Blakely, W. O & Son	Grocery	8	2			60								
†Bloomington-Bedford Stone Co	Stone quarry	40				60	Steam	4						
†Bloomington Cut Stone Co	Cut stone	25				56	Steam	1						
Bloomington Ice Co	Manufacturing ice	4				72	Steam							

†Bloomington Milling Co	Flour and feed	8				60	Steam	1				Ins	H
†Breeden & Co	Department store	3	12			54							
†Campbel. & Co	General merchandise	4	17			63							
†Central Indiana Lighting Co	Gas, Light and heat	20				77	S & E		4				
†Central Oolitic Stone Co	Cutting stone	30				55	S. & E	2				Ins	H
†Chicago & Bloomington Stone Co	Stone quarry	65	1			60	Steam	2				Ins	
City Water Works	Water works						Steam	2				Ins	
Collins-Seidle Co	Grocery	8	1			61							
Consolidated Stone Co	Stone quarry						Steam	6		30		Ins	H
†Coyle & Co	Bakery and restaurant	5	4			60							
†Crescent Stone Co	Stone quarry	50				60	Steam	2		11		Eng., Ins	H
Crown Stone Co	Stone quarry						Steam	1				Ins	H
†Davis Hardware Co	Hardware	8	1			48, 60							
†Empire Stone Co	Stone quarry	27				60							
†Field Glove Co	Manufacturing canvas gloves	3	47		10	52							
†First National Bank	Banking	8				60							
†Fulwider, W. A. Co	Saw and plaining mill	19	1			60	Steam	1					
†Henley, Geo. W. Stone Co	Cutting stone	35				48, 60							
†Henry & Kerr	Bakery	13	5			60, 70							
†Hoadley Stone Co	Stone business	60				47, 68	Steam	1	1			Eng	H
Home Glove & Mitten Co	Manufacturing gloves	3	65		4	60							
†Hotel Bowles Co	Hote	10	15			60							
†Hotel Tourner	Hotel	3	8			49							
†Hughes Bros	Lumber and coal	22	1			48, 60	Elec						
†Hunter Bros. Stone Co	Stone quarry	16				57	Steam	2		2		Ins., Eng	H
Indiana Creosoting Co	Preserving ties	35				60	Steam	3				Ins	H
†Indianapolis Basket Co	Manufacturing baskets	40	28	6	6	54, 60	Steam	2				Ins	A
†Kahn Clothing Co	Retail clothing	5	1			53							
Leader Laundry	Laundry						Steam	1				Ins	
Levy, Morris							Steam	2				Ins	
Martin, P. P. Sons & Co							Steam	1				Ins	H
†Matthews Bros. Co	Sawing and cutting stone	40				65	Steam	1				Ins	H
†Merchants Delivery	Delivering merchandise	4		2		64							
†Monarch Cut Stone Co	Cut stone	9				57	Steam	1					
†Monroe County Oolitic Stone Co	Quarrying stone	45				59							
†Murphy, John & Sons	Brick contractors	27				60							
National Light, Heat & Power Co	Light, heat and power						Steam		2			Ins	H
*Nolan, James H. & Sons	Stone contractors	10				58	Steam	1				Ins	
*Nurre Mirror Plate Co	Manufacturing mirrors	45		2		54	Elec						
†Oolitic Operative Quarries Co	Quarrying Limestone	35				50							
Oolitic Stone Co	Cutting stone	11				60	Elec						
†Reed Steam Laundry	Laundry	3	7			48	Steam			1			
†Rex Theatre	Moving Pictures	4	1			36							
†Seward & Co	Machine shop	6				60	Gasoline						
†Showers Bros. Co	Manufacturing furniture	495	4			54, 60	Steam	8				Ins	
Smith, Adam	Ice plant						Steam	2				Ins	
†South Side Stone Co	Finished stone	25				60							
*Star Stone Co	Quarrying and sawing stone	35				60	Steam	2		5		Ins	H
†Tapp & Bridwell	Flour and feed	5				60	Steam	1				Ins	H
Trustees of Indiana University							Steam	5				Ins	H

BLOOMINGTON, MONROE COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
United Indiana Stone Co	Stone quarry						Steam	1		3		Ins		
†Whitaker Grocery Co	Retail grocery	10				60								
†Wicks Co., The	Department store	14	18			57, 63								
†World Courier	Newspaper	5	4			54, 59	Elec							
†Yelch's New Method Laundry	Laundry	3	10			54	Steam	1				Ins		

BLUFFTON, WELLS COUNTY. (Population, Census, 4,987.)

*Adams, F. P	Slack barrel cooperage	20				50	Steam	1				S.D., Ins.	H, A	Good.
‡†Arnold, H. C. & Son	Grain, hay and seeds	9				58	Steam	1				S. D		
*Banner Publishing Co	Publishing and printing	11	1			54								
†Berling & Moltz Co	Wholesale produce	8	1			48, 60								
†Bliss Hotel	Hotel	6	12			84								
†Bluffton Cement Products Co	Cement blocks and tile	10				60	Elec						A	Good.
Bluffton Electric Light & Water Works	Light and water	6				42	Steam	4		1			A	Good.
†Bluffton, Geneva & Celina Traction Co	Traction line	7	2											
Bluffton Milling Co	Milling	4	1			66	Steam	1				S. D	A, H	
Bluffton Steam Laundry	Laundry	3	7			45, 50	Steam		1			Ins	H, A	Good.
Boss Mfg. Co	Manufacturing gloves	6	99	4	18	55	Elec						C, F, J	Good.
†Brown, W. B. Co	Manufacturing chandeliers, etc	75	15			59	Steam	2				Ins., S.D.	A	Good.
†Buck, J. M. & Co	Manufacturing handles	19				60	Steam	1				B.M.,S.D.	A	Good.
†Chronicle Publishing Co	Publishing and printing	8				54	Elec						A	Fair.
Cline & Triblet	Planing mill	3				59	Elec						A	
†Club Restaurant	Restaurant	6	5			77								
†Cole, Reed & Co	Hardware	6	1			66								
Cook, J. W	Manufacturing drain tile	12					Steam			1		S. D		
†Ditzler Hardwood Co	Saw mill	15	1			54, 60	Steam	1				S. D	H	Fair.
Erie Stone Co	Stone crusher						Steam	1				S. D	H	
†Garrett, Gordon & Brineman	Gravel road contractors	25				60								
†Great Northern Glove Co	Manufacturing gloves	1	22		7	55	Elec							
†Grimes, Geo. W. Co	Manufacturing machinery	40	1			59	Steam	1				B, M	A	Good.

King Piano Co	Manufacturing pianos	205	18	4		48, 60	Steam	2				Ins	H, A, C	Good
†Leader Company	General merchandise	11	13			57, 64								
Lucerbaugh, L. H	Stone crusher	8					Steam	1				S. D	H	
†Marion, Bluffton & Eastern Traction Co	Traction line	7	2											
†McFarren & Son	Retail clothing	5	1			56, 64								
†Mercer, F. L. Lumber Co	Lumber	22				60	Steam		1			Ins		
†Mystic Theatre	Moving pictures	1				18								
†North, Daniel O	Contractor	8				50								
†North, Frazier & Co	Manufacturing brick and tile	25				60	Steam		1			Ins	H	
Ohio Oil Co	Pumping oil						Steam	6				B.M.,S.D.	H	
†Red Cross Mfg. Co	Manufacturing pumps, etc	99		1		59	Oil eng.						A, E, J	Good
Stafford, Frank	Grain and coal	3				60	Steam	1				S. D	H	Good
†Studebaker Bank	Bank	6	2			48								
†Studebaker Grain & Seed Co	Grain elevator	22	2			40, 60	Gasoline							
†United Telephone Co	Telephone	45	92		26	54, 57								
†Walmer, E. S. & Co	Department store	1	5			54, 62								
†Walmer & Engeler	Dry goods	6	11			54, 60								
†Wells County Bank	Banking	5	3			48								
†Williamson Hardware Co	Hardware	6				60, 72								

BOBO, ADAMS COUNTY. (Population, 80.)

*Coulter, Henry	Saw mill	7				50	Steam	1				S. D	H	

BOGGSTOWN, SHELBY COUNTY. (Population, 150.)

Fairland Grain Co	Grain elevator						Steam	1				S. D		

BOONVILLE, WARRICK COUNTY. (Population, Census, 3,934.)

‡†Big Four Coal Co	Mining coal	120				48	Steam	4		1		Eng.,S.D.		
†Black Diamond Mines	Mining coal	10				36	Steam	1				S. D		
Boonville Electric Light & Power Co	Light, heat and power	5				84	Steam	5				Ins., S.D.	H, A	
†Boonville Implement Co	Hardware and implements	5				60								
Boonville Milling Co	Flour mill	6				60	Steam	1				Ins., S.D.	A, J	Good
Caledonia Mining Co	Mining coal	75				48	Steam	3				Ins., S.D.	H	
*Cypress Creek Coal Co	Mining coal	85				48	Steam	2				Eng.,S.D.		
†Darum & Son Coal Co	Mining coal	77				48				1				
*Elkhorn Mills	Flour mill	7				60	Steam	1				Ins., S.D.	H	
†Erie Canal Coal Co	Mining coal	86				48	Steam	2						
†Fluhrer Tobacco Co	Manufacturing tobacco	13	11			54								
Indiana Brick Works	Manufacturing brick						Steam	1				Eng		

BOONVILLE, WARRICK COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Industrial Brick Works	Manufacturing brick and tile	15				54	Steam	1				S. D	H	
Katterjohn, Q. F							Steam	1				Ins	H	
†Kinderman's, Wm. Sons	Retail hardware	7				63								
†Klostermeier, Louis	Manufacturing brick and tile	8				54	Steam	1				S. D	H	
†Matthewson Opera House	Opera house	3	2			18								
Menden, C. H. Coal Co	Mining coal						Steam	2				Ins., S.D	H	
Mitchem Coal Co	Mining coal	3								1		S. D		
†Roth Constructing Co	Contracting and building	20				48								
†Roth, Geo. J, & Co	Dry goods and clothing	7	7			48								
Scales, T. D. Coal Co	Mining coal						Steam	2				Eng., S.D		
Wooley, J. Coal Co	Mining coal						Steam	4				Ins., S.D		

BORDEN, CLARK COUNTY. (Population, 525.)

†Burns & Waggoner	Saw mill	10				60	Steam	1						
†Durham Tie & Lumber Co	Timber	10				60								

BOSTON, WAYNE COUNTY. (Population, 122.)

Chesapeake & Ohio Ry. Co							Steam			2		B. M		

BOSWELL, BENTON COUNTY. (Population, Census, 814.)

Boswell Grain Co	Grain elevator						Steam	1				Ins	H	
Doan, John							Steam	1				Ins		
Halstead, J. C							Steam	1				Ins		

BOURBON, MARSHALL COUNTY. (Population, 1,163.)

Bourbon Lumber Co	Manufacturing sash and doors	10				60							A, B, K	Good
†Bourbon Silo Co	Manufacturing silos	10				60								
*Delp, E. E. Grain Co	Grain elevator	9	1			60	Steam	1				Ins	A, H, K	Good
Fogle, John D	Bakery	3				48							B	Good
Fribley, F. R	Garage	3	1			60							B	Good
News-Mirror, The	Publishing	2	2			60							A, B	Good
Peabody, S. J. Lumber Co	Saw mill	22				60	Steam	1				Ins	B, H	Fair
Spencer, H. A	Bakery	2				72							J	Good
Union Water, Light & Power Co	Light and power	2				84	Steam	2				Ins	H, B, J	Good

BOWERS, MONTGOMERY COUNTY. (Population, 100.)

Malsbary & Co	Grain elevator						Steam	1				Ins	H	

BOWLING GREEN, CLAY COUNTY. (Population, 336.)

Boyer & King	Flour mill						Steam	1				S. D	H	

BRANCHVILLE, PERRY COUNTY. (Population, 75.)

Hale Spoke Co							Steam			1		S.D.,B.M.		

BRAZIL, CLAY COUNTY. (Population, Census, 9,540.)

American Sewer Pipe Co							Steam	3				Ins		
†Arc Theatre	Moving pictures	3		1	3	24								
†Arpin, J. P. Coal Co	Mining coal	20				48								

BRAZIL, CLAY COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Ayer-McCarel-Regan Clay Co	Clay products	50				60	Steam	4						
Bottom Vein Coal Co							Steam	1				S. D		
Brazil City Water Works	Water supply						Steam	4				S. D		
†Brazil Clay Co	Manufacturing brick	85				60	Steam	2				Ins	H	
†Brazil Cloak & Suit Co	Cloaks and suits	1	6			58								
†Brazil Collieries Co	Mining coal	105				48	Steam	2						
Brazil Electric Co							Steam		2			Ins	H	
†Brazil Face Brick Co	Manufacturing brick	62				54	Steam	3				S. D		
*Brazil Fence Co	Manufacturing wire fencing	6				60								
†Brazil Gas Co	Manufacturing gas	8	2			60	Steam	2				Ins., S.D	H	
‡Brazil High School	School						Steam	2			1	Ins., S.D	H	
†Brazil Hollow Brick & Tile Co	Manufacturing clay products	54		4	1	60	Steam	3				S. D		
†Brazil Ice & Storage Co	Manufacturing ice	20				84	Steam	3				Ins., S.D	H	
†Brazil Machine & Foundry Co	Foundry and machine shop	21	1	10		53								
†Brazil News Democrat	Newspaper	6	2			54								
†Brazil Trust Co	Banking	4	3			50								
†Brosius Dry Goods Co	Department store	4	9			60								
†Brown Hardware Co	Hardware and implements	8				60								
Brown & Ringo	Drilling	2					Steam			1		S. D		
†Burger, M. S	General merchandise	8	3			60								
†Chicago Sewer Pipe Co	Manufacturing sewer pipe	54	1			60	Steam	3				Ins	H	
†Citizens Telephone Co	Telephone	11	25			54								
†Clay Products Co	Manufacturing clay products	150				59	Steam	3		1		Ins	H	
†Colonial Picture Palace	Picture show	4	1											
Crawford Coal Co	Mining coal	200				48	Steam	2				Eng.,S.D	H	
*Crawford & McCrimmon Co	Manufacturing mining machinery	64	1			53	Steam			1				
†Decker Hotel	Hotel	1	3			70								
Domestic Block Coal Co	Mining coal	150					Steam	3				Eng.,S.D		
†First National Bank	Banking	6				48								
†Gem Restaurant	Restaurant	3	4			77								
†German Coal Mining Co	Mining coal	8				48								
†Goldberg, Julius	Cloaks, suits, etc	2	6			50								
†Hall, W. C. Milling Co.	Flour mill	10				60	Steam	1				Ins	H	
†Hawkins, D. Co	Dry goods	1	5			60								

†Hydraulic Press Brick Co	Manufacturing brick	175				60	Steam	3				Ins	H	
†Indiana Paving Brick & Block Co	Manufacturing paving brick	115				60	Steam	4		1		S. D		
†Jones & Co	Meats	6		3		54	Steam	1				Ins., S.D		
†Kattman & Tilley	Hardware and implements	6	1			54								
†Keasey, N. T. Lumber Co	Lumber	4	2			54								
†Keegan Bros	Road contracting	25												
†Knight-Brinkerhoff Piano Co	Manufacturing pianos	103	5	2	2	60	Steam	2						
†Kruzan & Co	General merchandise	2	7			73								
*May, Ned	Coal mine	9				48								
†McRoy Clay Works	Manufacturing clay products	112				60	Steam	3				Ins	H	
†Mershon, J. B	Drilling	6				54	Steam			3				
†Miami Coal Co	Mining coal	710		17		48	Steam	3				Ins		
†Mullen, Blackledge, Nellis Co	Manufacturing food products	15	35		35	66	Steam	3				Ins		
Nance's Sanitary Creamery	Creamery						Steam			1				
*Otter Creek Coal Co	Mining coal	129		2		48	Steam			2				
†Pyrah, B. F. Coal Co	Mining coal	6				48	Steam	1		1		Ins., S.D		
Richter, Henry							Steam	1						
Schlatter Coal Co	Mining coal						Steam	1				Eng.,S.D		
†Schrepferman Coal Co	Mining coal	150		5		48	Steam			2		Eng.,S.D		
†Sherfey & Kidd Co	Household goods	7	1			60								
†Sourwine Theatre	Theatrical	15												
Standard Oil Co	Oil						Steam			1		Ins	H	
†Stunkard Bros. Buggy Co	Manufacturing vehicles	8	1			54								
†Troy Steam Laundry	Laundry	3	9			54	Steam	1				S. D		
†Vanes, John, Boiler Works Co	Manufacturing boilers, etc	8	1			53	Steam			1				
†Wehrle & Sowar Co	Dry goods	8	5			63								
West Side Coal Co	Mining coal						Steam	2				Eng.,S.D		
†Wilder, C. E. & Co	Planing mill	11	1			54	Steam	1				Ins	H	
†Wood Turret Machine Co	Manufacturing machines and tools	19	1			60	Steam	1				Ins	H	
†Zeller, McClellan & Co	Mining coal	114	1			48	Steam	4				Eng		

BREMEN, MARSHALL COUNTY. (Population, 2,008.)

†American Radiator Co	Manufacturing radiators, etc	204	1			54, 59	Steam	2				Ins., S.D	H, A, B	Good
Bremen Water & Light Co	Water and light	3					Steam		2			Ins., S.D	H	
Dietrich, J. R. & Co	Grain elevator	2					Steam	1				S.D.,Eng		Good
Knoepfle, Chris	Planing mill						Steam	1				Eng.,S.D		
Kraus & Appelbaum	Grain elevator	2				60							B, D	Fair
*Ponader's F. Son	General merchandise	4	5			54							B	Good
Schlosser Bros	Creamery						Steam	1				Ins	H	
Shilt, W. F	Flour and feed	3					Steam	1				S. D	A, B	Good
†Vehon, Nathan	Manufacturing overalls		8			59							B	Good

BROOK, NEWTON COUNTY. (Population, Census, 1,067.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horisontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Brook Terre Cotta Tile and Machine Co.	Manufacturers tile, etc.	45				60	Steam	3		1		Ins	H	
Gregg Bros.	Light and power						Steam	1				Ins		
Lyons, Rich and Light Co.							Steam	1				Ins	H	
Middle West Utilities Co.							Steam	1				Ins		

BROOKLYN, MORGAN COUNTY. (Population, 572.)

†Brooklyn Brick Co.	Manufacturing Brick	40				50	Steam	2				Ins	H	
†Indiana Drain Tile Co.	Manufacturing drain tile	35				60	Steam	2				Ins	H	

BROOKSTON, WHITE COUNTY. (Population, 907.)

Bell & House	Grain elevator						Steam	1				S. D		
†French, J. F.	Canning factory	22	12			50	Steam							
Halstead Bros.	Grain elevator						Steam	1				Ins	H	
*Prairie Telephone Co.	Telephone	4	3			56								

BROOKVILLE, FRANKLIN COUNTY. (Population, 2,161.)

Brookville Electric Co.							Steam	1				S. D		
†Brookville Furniture Co.	Manufacturing furniture	65	1			60	Steam	2				S. D	A	Good.
Brookville Water Works	Water works						Steam	2				Ins., S.D		
Brookville Steam Laundry	Laundry	2	1			60	Steam						A	Good.
†Crystal Theatre	Moving pictures	1	2			15								
Democrat, The	Newspaper	1	2			60							A	Good.
†Dudley, F. N.	Saw mill	10				60	Steam	1				S. D		
†Feiber & Holmes	Planing mill	5				60	Gasoline						A	Fair.
Grimne, H. W.	Flour and feed	3					Steam	1				S. D		

Guarantee Cigar Factory	Manufacturing cigars	9				48							J	Good.
†National Theatre	Moving pictures	2	2			21								
*Personett, Geo. M. Lumber Co	Saw mill	6				60	Steam	1						
*Pippin, W. W	Bakery	4	1											
†Spot Cigar Factory	Manufacturing cigars	8			2	48								
†Thompson & Norris Co	Paper mill	83	25		7	72	Steam	6				Ins., S.D.	H, A	Good.
Wright, Frank A	Flour mill						Steam	1				Eng., S.D.	A	Good.

BROWNSBURG, HENDRICKS COUNTY. (Population, 876.)

†Brownsburg Tile Works	Manufacturing tile	6				60	Steam	1						
†Herdrich Co	Manufacturing lumber	15				54	Steam	2				Ins., S.D.	H	
Ladoga Canning Co	Canning factory	20	50				Steam	1				Ins. S.D.		
Lingeman Bros	Manufacturing tile	6					Steam	1				Ins., S.D.		

BROWNSTOWN, JACKSON COUNTY. (Population, 1,492.)

†Bolles, Wm. R	Hardware	6				54								
†Brownstown Banner	Newspaper	2	3		1	59								
Brownstown Water & Light Co	Water and light						Steam	2				Ins., S.D.		
Commissioners of Jackson Co	Court house						Steam	2				Ins	H	
†Ewing Mill Co	Flour mill	8				60	Steam	1				S. D		
*Home Telephone Co	Telephone	2	8			60								
†Jackson Brick and Hollow Ware Co	Manufacturing brick and tile	20				54	Steam	1				Ins	H	
†Kieffer Paper Co	Manufacturing paper	22	2			60	Steam	2				S. D		
Lehigh Portland Cement Co	Cement						Steam	14				Ins	H	
†Robertson, C. O	Wood work	5				48	Steam	1				Eng		
Ross & Bolles	Planing mill						Steam	1				Ins	H	

BUCK CREEK, TIPPECANOE COUNTY. (Population, Census, 242.)

Alexander, Robert							Steam	1				S. D		

BUFFINGTON, LAKE COUNTY. (Population, ——.)

*Universal Portland Cement Co	Manufacturing cement	1,380	6			64	Steam	1		1		Ins	A, H	

BUNKER HILL, MIAMI COUNTY. (Population, 668.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Bunker Hill Canning Co	Canning factory	5	25			48								
Concher, J, M. & Co	Grain elevator						Steam	1				S. D., Ins.		
Furr & Cohee							Steam	1				Ins	H	

BURNETT, VIGO COUNTY. (Population, ——.)

Burnett Canning Co	Canning factory	10	40		3	50	Steam			1				

BURNETTS CREEK, WHITE COUNTY. (Population, ——.)

Burnettsville Elevator Co	Grain elevator						Steam	1				Ins	H	
Fry, Joseph H							Steam	1				S. D		
‡Strasser, Jno	Saw mill						Steam	1				S. D		

BURROWS, CARROLL COUNTY. (Population, 200.)

Ryan, T. J							Steam	1				Ins	H	
Wilhelm, John							Steam	1				Ins	H	

BUSHROD, GREENE COUNTY. (Population, ——.)

Vandalia Ry. Co							Steam			1		S. D		

BUTLER, DEKALB COUNTY. (Population, 1,813.)

†Butler Basket Co	Manufacturing baskets	27	8		4	60	Steam	1				Ins	A, B, C	Good
‡Butler Brick & Tile Co	Brick and tile						Steam	1				S. D		
†Butler Company	Manufacturing vehicles, etc	113	5			59	Steam	1				Ins., S.D	A, B, D, H	Good
Butler Ice Cream Co	Ice cream						Steam	1				Ins., S.D		
Butler Milling Co	Flour mill						Steam	1				Ins., S.D		
†Crystal Theatre	Moving pictures	3	2			18								
Home Bakery	Bakery	2				60							B, G	Good
‡Hoosier Brick & Tile Co	Brick and tile						Steam	1				S. D		
†Knisely Dry Goods Co	Dry goods, etc	4	6			60								
L. S. & M. S. Ry. Co	Pump station						Steam			1		S. D		
Morgan & Sons	Grain elevator	2				60							B	Good
New Process Laundry	Laundry						Steam			1		S. D		
†Record, The	Newspaper	2	6			54								Good
Trustees of Township							Steam			1		Ins		
Vermier, A. U							Steam			1		Eng		

CALUMET, LAKE COUNTY. (Population, Census, 188.)

Cudahy Packing Co	Beef and pork packing						Steam	4				Ins	H	

CAMBRIDGE CITY, WAYNE COUNTY. (Population, Census, 2,237.)

†American Casket Co	Casket manufacturing	23				60	Steam	1				Ins	H	
Bertsch & Co	Manufacturing machines						Steam	1				Ins	H	
†Cambridge City Casket Co	Casket manufacturing	13	3			60	Steam	1				Ins		
†Cambridge City Lumber Co	Hardware and building material	7	1			60	Elec							
†Cambridge City Steam Laundry	Laundry	2	7			60	Steam	1				S.D.,Eng		
†Central Hotel Company	Hotel	4	3			70								
*Citizens Telephone Co	Telephone	7	23			54								
City of Cambridge	Water works						Steam	4				Ins	H	
Marple Bros	Manufacturing ice						Steam	1				Ins	H	
Mustin, J. M	Saw mill						Steam	1				S.D.,Eng		
†National Drill Co., The	Manufacturing agricultural implts	39	1			60	Steam	1				Ins	H	
†Paul Casket Co	Casket manufacturing	21	5			56	Steam	1				Ins	H	
†Standard Mfg. Co	Manufacturing furniture	34	1			59	Steam	1				Ins	H	

CAMBY, MARION COUNTY. (Population, Census, 75.)

Name of Firm or Establishment	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Sanders, W. H. & Son	Saw mill						Steam	1				Ins	H	

CAMDEN, CARROLL COUNTY. (Population, Census, 557.)

Camden Cement & Tile Co	Cement and tile						Steam	1				S.D., Eng		
Ray & Rice	Flour and feed						Steam	1				S.D., Ins	H	

CAMPBELLSBURG, WASHINGTON COUNTY. (Population, Census, 666.)

Hirsch Bros	Canning vegetables						Steam	1				Ins	H	

CANNELTON, PERRY COUNTY. (Population, Census, 2,130.)

†Cannelton Flour Mills Co	Flour mill	8	2			65	Steam	1				S.D., Ins.	H	
Cannelton Iron Works	Foundry and machine	3	1			60	Steam	1				S.D., Eng	A, B	
*Cannelton Planing Mill Co	Manufacturing lumber	7				60	Steam	1				S.D., Eng	H	
Cannelton Public Service Co	Water works and electric light						Steam	2		1		S.D., Ins	H	
†Cannelton Sewer Pipe Co	Manufacturing clay products	74	1			60	Steam	2				S.D., Ins	A, H	
Cannelton Stoneware & Pottery Co	Stoneware manufacturing						Steam	1				Ins		
†Casper, May & Co	Dry goods, etc	7	3			60								
Clark Bros. Pottery Works	Jars, jugs, etc	2				48	Steam	1				Eng	A, D	
†Indiana Cotton Mills	Manufacturing cotton goods	67	131			60	Steam			3		S.D., Ins	H	
†New Majestic Theatre	Picture show													
*Only Sunlight Hotel	Hotel	4	5			60								

CARBON, CLAY COUNTY. (Population, Census, 493.)

Ayer, McCarel, Regan Clay Co	Clay products						Steam	2				Ins	H	
†Butts, D. & Son	Picture show													
†Everhart & Hansel Coal Co	Coal	5				48								

CARLISLE, SULLIVAN COUNTY. (Population, Census, 850.)

*Akins, R. W. & Son	General merchandise	6				60								
Carlisle Coal & Clay Co	Coal and mining						Steam	2				Ins		
†Hoover Liniment Co	Manufacturing liniment	5	3				Gasoline							

CARMEL, HAMILTON COUNTY. (Population, Census, 626.)

Brunson, Lee	Saw mill						Steam	1				S. D	H	
Tollett, R. J. & Co	Flour mill						Steam	1				Eng		

CARPENTERSVILLE, PUTNAM COUNTY. (Population, Census, 175.)

Pickle, M. A. & Son	Saw mill						Steam	1				S.D.,Eng.		

CARTERSBURG, HENDRICKS COUNTY. (Population, 300.)

‡Cartersburg Milling Co	Saw mill						Steam	1				S. D		

CARTHAGE, RUSH COUNTY. (Population, Census, 873.)

†Dana Canned Goods Co	Canning vegetables	24	31	4	10	60	Steam	2				Ins	H	
†Moore, R. T	Saw mill	5				40								
†U. S. Board & Paper Co	Box board	51	1			72	Steam		4			Ins	H	

CASSVILLE, HOWARD COUNTY. (Population, Census, 66.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Cassville Grain Co	Elevator						Steam.	1				B. M		

CATLIN, PARKE COUNTY. (Population, Census, 185.)

Ohio Oil Co., The	Oil producers						Steam.	8				S.D. Eng.		

CAVANAUGH, LAKE COUNTY. (Population, Census,——.)

Elgin, Joliet & Eastern Ry	Pumping station						Steam.			1		Ins.	H.	

CAYUGA, VERMILLION COUNTY. (Population, Census, 911.)

†Acme Brick Co	Manufacturing face brick	60				50	Steam.	2				Ins.	H.	Good.
Cayuga Brick & Coal Co	Brick and coal						Steam.	4				Ins.		
Cayuga Canning Co	Canning						Steam.	2				S. D.		
Cayuga Electric Light Co	Electric light						Steam.	2				S.D.,Eng.		
†Cayuga Milling Co	Flour and grain	5				60	Steam.	1				S.D.,Eng.		
†Cayuga Packing & Mfg. Co	Vegetable packing	20	10	10	8	60	Steam.	2				Ins.		
Wear, James	Saw mill						Steam.	1				S. D.	H.	

CENTER, HOWARD COUNTY. (Population, Census, 325.)

‡Hercules & Bro	Saw mill						Steam.	1				S.D.,B.M.		

CENTER POINT, CLAY COUNTY. (Population, Census, 414.)

Butt, L. T. Bros	Flour mill						Steam	1				Ins	H	
Crawford Coal Co	Coal						Steam	2				Eng		
‡Mace, C. W	Saw mill	7				60								

CENTERVILLE, WAYNE COUNTY. (Population, Census, 1,019.)

Centerville Creamery Co	Creamery						Steam	1				Ins		
†Dunbar Bros. Co., The	Coal and lumber	4	1			48								

CHALMERS, WHITE COUNTY. (Population, Census, 513.)

Chalmers Grain Co	Grain						Steam	1				S.D., Ins.	H	
†Chalmers Tile Factory	Drain tile	10				60	Steam	1				Eng.,S.D.		
Ross, Ross & Barr	Grain elevator						Steam	1				Ins	H	

CHASE, BENTON COUNTY. (Population, Census, 75.)

Starze, W. F. & Co	Grain elevator						Steam	1					H	

CHATTERTON, WARREN COUNTY. (Population, Census, 50.)

Chatterton Grain Co	Grain elevator						Steam	1				S. D.		

CHERRY GROVE, MONTGOMERY COUNTY. (Population,——.)

Crabbs, Reynolds, Taylor Co	Grain elevator						Steam	1				Ins	H	

CHESTERTON, PORTER COUNTY. (Population, Census, 1,400.)

Name or Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Chesterton Tribune Co., The	Newspaper	5	1	1			Elec						B, F	Good.
L. S. & M. S. Ry. Co	Pumping station						Steam			2		S. D		
Sal Mountain Asbestos Mfg. Co	Asbestos goods						Steam	3				S. D		

CHRISNEY, SPENCER COUNTY. (Population, Census, 524.)

Chrisney Planing Mill Co	Planing mill						Steam	1				Ins	H	

CHURUBUSCO, WHITLEY COUNTY. (Population, Census, 870.)

‡Brown, Val Estate	Saw mill						Steam	1				S. D		
Churubusco Truth, The	News and printing	3				54							B	Good.
†Churubusco Water & Light Plant	Light, power and water	2				84	Steam	2				S. D	B	Good.
Duglay, Elmer	Flour and feed	2				60							A, B	Good.
Fisk Mfg. Co	Ladders						Steam	1				S. D		
†Gandy, O. & Co	Banking and real estate	3	4			60								
Gandy, O. & Co	Grain elevator	2	1			48, 60	Steam	1				Ins	B	Good.
†Hotel Madden, The	Hotel		3											
Kichler, Jacob	Flour mill						Steam			1		S. D	H	
Kichler & Shealey	Bakery	3												Good.
Sheadel Canning Co	Canning	1	3			48							B	Good.
Soest Telephone Co	Telephone	2	5			42, 60							B	Good.
Spangler & Grouleff	Planing mill	4				60							A, F	Good.

CICERO, HAMILTON COUNTY. (Population, Census, 900.)

Polk's Sanitary Milk Co	Creamery						Steam			1		S. D		

CLARKE, LAKE COUNTY. (Population, Census, 100.)

Pennsylvania Railroad Co	Pump station						Steam			1		B, M		

CLARKS HILL, TIPPECANOE COUNTY. (Population, Census, 463.)

†Franklin, McVeagh & Co	Canning factory	16	4		5	54	Steam	3				S.D., Ins.	H	
Mollett Grain Co	Elevator						Steam	1				S.D., Ins.		
Seeger & Witt	Elevator						Steam	1				S.D., Ins.	H	

CLAY CITY, CLAY COUNTY. (Population, Census, 1,213.)

†Burger, M. S	General merchandise	7	4			66, 60								
Clay City Brick & Clay Co	Brick and clay						Steam	1				S. D		
‡Clay City Creamery Co	Butter						Steam	1				S. D		
Clay City Lighting Co	Lighting						Steam		2			Ins	H	
†Conley, Jas. E	Dry goods, etc	3	4			65, 60								
†Harrison Coal & Mining Co	Mining	26				48	Steam	1				S. D		
Ladoga Canning Co	Canning						Steam	3				Ins		
‡Maegerlin, Arthur	Flour mill						Steam	1				S. D		
Modern Concrete Works	Concrete						Steam	1				B. M		
Philipps & Sipple Saw Mill	Saw mill						Steam			1		Eng		
Smith, Irvin	Clay works						Steam	1				Ins	H	
West Side Lumber Co	Lumber						Steam			1		Eng		

CLAYPOOL, KOSCIUSKO COUNTY. (Population, Census, 408.)

Chatter, H. J							Steam	1				Eng		

CLAYTON, HENDRICKS COUNTY. (Population, Census, 497.)

Clayton Milling Co	Flour mill						Steam	1				S.D., Ins.	H	
‡Richeson, D. M	Saw mill						Steam	1				S. D		

CLEAR CREEK, MONROE COUNTY. (Population, Census, 94.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Mathers Stone Co	Stone quarry	48				60	S. & E.							
Oolitic Operative Quarries Co	Stone quarry						Steam	1		3		Ins	H	

CLERMONT, MARION COUNTY. (Population, Census, 205.)

Indiana Girls' School							Steam	4				Ins	H	

CLINTON, VERMILLION COUNTY. (Population, Census, 6,229.)

Bunsen Coal Co	Coal						Steam		3			Ins	H	
†Butcher & Cooper	Saw mill	12				54	Steam	1				S. D		
C. T. H. & S. E. R. R. Co	Pumping station						Steam			1		B. M		
†Clinton City Lumber Co	Lumber	6	1			54, 48								
Clinton Coal Co	Coal						Steam	6				Ins	H	
†Clinton Electric Light & Power Co	Light and power	6				54, 84	Steam	4				Ins., S.D		Good
Clinton Grain & Feed Co	Grain and feed						Steam	1				S. D		
†Clinton Ice Co	Manufacturing ice	10				72	Steam	2				Ins., S.D	B, H	Good
Clinton Ice Cream Co	Manufacturing ice cream	5	1			60	Elec							Good
Clinton Packing Co	Canning factory						Steam	2				Ins	H	
†Clinton Paving Brick Co	Manufacturing paving brick	65		2		54	Steam	3				Ins., S.D	A, B, J, H	Good
Clinton Water Works	Water supply						Steam	2				Eng., S.D		
†Clintonian, The	Newspaper	5	1			52								
†Columbia Theatre	Picture show		1											
†Dering, J. K. Coal Co	Mining coal	1,200		9		48	S. & E	32				Ins., S. D.	H	
Dorman, Charles	Mining coal						Steam	2				Ins	H	
†Fairview Hotel	Hotel		3											
†Gem Theatre	Picture show	1	1			24								
Hays & Balmer	Plumbing, heating, etc	9	1			54								

Henry, J. S	Elevator						Steam	1				Ins		
Lee, M. D	Elevator						Steam	1				Ins		
†Lewin, Louis Co	Manufacturing overalls	4	75			48	Elec							
†Meyer Bros	Hotel and restaurant	15	15			63								
Miami Coal Co	Mining coal						Steam	6				Ins	H	
Model Steam Laundry	Laundry	3	5			48							A, J	Good.
Morgan's Cash Emporium	General merchandise	7	8			60								
†Princess Theatre	Picture show	2												
†Shirkie & Bogle	Mining coal	28				48	Steam	2						
†Staats, Raynes Co	Mercantile	5	2			66								
Summit Sand & Gravel Co	Sand and gravel						Steam			2		Ins		
*Swinehart Hardware Co	Hardware and furniture	5	2			60								
†White & Gillis	Drug stores	5	5			80								
†Wonderland Theatre	Picture show	1	1			24								
Wrightman, W. M	Elevator						Steam	1				Ins		

CLOVERDALE, PUTNAM COUNTY. (Population, Census, 624.)

†Cloverdale Hardwood Lumber Co	Hardwood lumber	6				60								
Croxton, J. W	Flour mill						Steam	1				S.D., Ins.	H	

CLOVERLAND, CLAY COUNTY. (Population, Census, 100.)

Miami Coal Co	Mining coal						Steam	6				Ins	H	
Weber, Herman	Mining coal						Steam			1		S. D		

CLYMERS, CASS COUNTY. (Population, Census, 136.)

Reed, H. G. & Co							Steam	1				B. M		
Wabash Railroad Co	Pump station						Steam	1				B. M		

COAL BLUFF, VIGO COUNTY. (Population, Census, 550.)

Coal Bluff Mining Co	Mining coal						Steam	3				Ins	H	
Nash Coal Co	Mining coal	45				48								

COALMONT, CLAY COUNTY. (Population, Census, 300.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Big Vein Coal Co	Coal mining						Steam	3				S.D.,Eng		
‡United Fourth Vein Coal Co	Coal mining						Steam	2				S. D		
U. S. Powder Co	Manufacturing powder						Steam	3				Ins	H	

COATSVILLE, HENDRICKS COUNTY. (Population Census 472.)

‡Coatsville Creamery Co	Creamery						Steam	1				S. D		
Davis & Johnson	Flour and feed						Steam	1				S.D.,Eng		
‡†Ellis, E. R	Drain tile	8				66	Steam	1				S. D	H	
‡Storm, O. W	Saw mill	4					Steam	1				S. D		

COCHRAN, DEARBORN COUNTY. (Population Census 858.)

†Cochran Chair Co	Manufacturing chairs	119	1			60	Steam	1				Ins		
Stedman Foundry & Machine Co	Foundry and machines						Steam	1				Ins		

COLBURN, TIPPECANOE COUNTY. (Population Census 275.)

Alexander, Robert	Grain elevator						Steam	1				S.D.,B.M		
Kipp, Anderson	Saw mill						Steam	1				S. D		
Wabash Railroad Co	Pumping station						Steam	1				S.D., Ins		

COLFAX, CLINTON COUNTY. (Population, Census, 81.)

Adney & Son	Saw mill						Steam	1				S.D., Ins.	H	
Grove, A	Grain elevator						Steam	1				S.D., Ins.		
†Lee, M. J. Drain Tile Co	Manufacturing drain tile						Steam	2				S.D., Ins.	H	

COLLEGEVILLE, JASPER COUNTY. (Population, Census,——.)

St. Joseph College	College						Steam	3				S.D., Ins.	H	

COLUMBIA CITY, WHITLEY COUNTY. (Population, Census, 3,428.)

†Clugston Bros. Co	Department store	5	4			64, 57								
†Clugston Hotel, The	Hotel	4	8			54								
Collins Drain Tile Co	Tile						Steam	1				S. D		
‡Columbia City Laundry	Laundry						Steam	1				S. D		
Columbia City Light & Water Co	Manufacturing light and water	5				72	Steam		3			S D, Ins	D, H	
Columbia City Mill & Elevator Co	Flour and feed	4				60	Steam	1				S. D	B	
Columbia City Post	Newspaper	5	1			54							B	
†Commercial Mail	Printing	3	5			56	Gas							
†Dicks, Pontius Co., The	Can sealing wax	4	8			60							B	
†Evansons Sons Co	Clothing, etc	5	2			74, 60								
†Farmers Mutual Telephone Co	Telephone	5	18			60, 49	Elec							
†First National Bank	Banking	13				48								
†Harper Buggy Co	Vehicle manufacturing	40	4			58	Elec							
Hively, I. L.							Steam	1				B. M		
*Hudson Dry Goods Co	Dry goods	2	14			60								
†Lyceum Theatre		2	1											
McNown Mfg. Co	Furniture						Steam	1				S D., Ins		
Myers Bakery	Baking	6				60							B	
Myers, F. L.	Manufacturing butter, etc	12	2			60							B	
Peabody, S. J. Lumber Co	Lumber						Steam	1				S.D., Ins.	H	
†Red Mill Theatre	Moving pictures	2	1			20								
‡Sherwood, J. D. & Son	Manufacturing drain tile	3					Steam	1				S. D		
†Superior Garment Co	Overall manufacturing	2	22			55, 50	Motor						B	
†Tuttle, R. & Co	Flour mill	9				66	Steam	1				S.D., Ins		
†Walter Raupfer Brew. Co	Brewing	15				60	Steam	2				S D. Ins.	B, H	
Whitley County Heating Plant							Steam	2				S. D		
Zuber Drain Tile Co	Drain tile						Steam	1				Ins		

COLUMBUS, BARTHOLOMEW COUNTY. (Population Census, 8,813.)

Name of Firm or Establishment	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Bassett, H. H							Steam	1				Ins		
†Belvedere Hotel	Hotel	2	3											
Bonham Laundry	Laundry						Steam	1				Ins		
Caldwell & Drake Iron Co	Structural iron	31				59	Steam	1				Ins	A, B	
†Caldwell Manufacturing Co	Farm implements	5				54	E. & G.							
†Carmichael Produce Co	Butter and eggs	10				60								
Central Indiana Lighting Co	Power and light	6				72							A, B	
†Citizens Telephone Co	Telephone	7	23			54							B, D	
City of Columbus	City Hall						Steam	1				Ins	H	
Columbus Canning Co	Canning						Steam	2				Ins		
Columbus Creamery Co	Creamery						Steam	1				Eng		
*Columbus Fuel & Ice Co	Coal and ice	6	2			60, 54								
†Columbus Gas Light Co	Manufacturing of gas	10	2			60, 49	Steam	2		1		Ins	H	
†Columbus Handle & Tool Co	Handle manufacturing, etc	112				55	Steam	2				Ins	A, B, H	
†Columbus Machine Works	Machine shop	12				58							A	
†Columbus Milling Co	Flour and feed	5				60	Steam	1				Ins	A, D H	
Columbus Water Works	Water and light	5				84	Steam	4				Ins	D, H	
Commissioners of Bartholomew Co	Court house, jail and orphans home						Steam	2			1	Ins	H	
Cox Bros							Steam	3				Ins	H	
*Dunlap & Co	Contractors	45				54	Elec						A, B	
Emerson, Brantingham Co	Threshing machines	642	10	2		55	Steam						A, D	
†Evening Republican	Newspaper	11	3			48	E. & G.							
†Fehring Carriage Co	Carriage manufacturing	19	3			60	Elec						A, D	
†Fiegenbaum, Oscar H. & Co	Department store	2	4			60	Steam							
†First National Bank	Banking	4	1			42								
Geilker, W. C	Bakery	3	1			54							B, C, G	
‡Glanton, J. A	Furniture manufacturing	39	1			55, 50	Steam	2				Ins	H	

Griffith, H	Grain elevator	2				54	Elec						A, C, D	Good.
†Haw Creek Leather Co	Jobbing leather	5				50	Steam	1				Eng		
†Hege & Co	Contractors, saw and planing mill	50				54	Steam	2				Ins	H, A, D	Good.
†Herald, The	Publisher	5	5	1		48								
†Hilger, Jos. V	Dry goods	7	13			64								
†Irwin's Bank	Banking	6	1			48								
Jackson Buggy Works	Buggy repairing	6				54								Fair.
†Kearns & Burchett	Slack barrel heading	24	1			60	Steam	2				Ins	A, H	Good.
†Kimball, E. A. Co	House furniture	5	2			60								
†Kitzinger Bakery Co., The	Bakery	7	2			60	Elec						B	Fair.
*Lowe's Laundry	Laundry	3	7			55	Steam	1				Ins	A, C, H	Fair.
Loy & Stitt	Feed mill	2				60							A, B	
†May, O. M	Laundry	6	9			54	Steam	1				Ins	A, B, F	Fair.
*Meyer, F. J	Dry goods	3	3			66, 60								
Middle West Utilities Co	Light and power						Steam		4			Ins	H	
*Mooney, W. W. & Sons	Tanning leather	224	1			60	Steam	5				Ins	A, B, D, H	Fair.
Moore, Given Co	Washing machines and feed grinders	15	1			55	Elec						A, B, D	Good.
Mundt Candy Store	Candies	3	1			60	Elec						B	Good.
†Orinoco Furniture Co., The	Manufacturing furniture	122	3			55	S. & E	2				Ins	D, H	Good.
†Peoples Savings & Trust Co	Banking	4	1			48								
Rebennack, J. B	Bakery	3	1			60								Good.
Reeves, G. L							Steam				1	Ins	H	
Reeves & Co							Steam	4				Ins	H	
†Reeves Pulley Co	Manufacturing power mchy. and engs.	155	1			55	Steam	3				Ins	A, D, H	Good
Reliance Manufacturing Co., The	Manufacturing men's shirts	20	254		15	60	Elec						C	Good
†Robertson, Geo. W. & Co	Lumber and building material	4	1			54							A, D	Good.
†St. Denis Hotel	Hotel	7	10			56								
*Schaefer & Schwartzkopf	Flour mill and grain elevator	5				66	Steam	1				Ins	A, D	
†Schinnerer, Geo	Staves and heading	10				60	Steam	1				Ins	A, D, H	Good.
Thomas Lumber Co	Lumber						Steam	1				Ins	H	
Van Camp Packing Co							Steam	2				Ins		
Winans, Geo. I	Retail grocery	5	1			84								
Zaharako Peter	Candies and ice cream	4					Elec						A, B	Good.

COMISKEY, JENNINGS COUNTY. (Population, 150.)

†Graston & Graham	Saw mill	7				70								

CONNERSVILLE, FAYETTE COUNTY. (Population, 8,000.)

Name or Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
*Ansted Spring & Axle Co	Manufacturing springs and axles	130				60	S. & E.	2				Ins.	H	
Ariens, C. P. & Sons	Manufacturing hubs						Steam.	1				S. D.	H	
†Auditorium Theatre	Theatre	1												
†Carter, Geo. R. Co., The	Carriage and auto leather specialties	20	20			55	Elec							
†Central Mfg. Co	Manufacturing auto bodies, etc	140		10		60	S. & E.	2				Ins.	H	
†Chrismer's European Hotel	Hotel													
City of Connersville (High School)							Steam.	2				Ins.	H	
City of Connersville (Road Rollers)							Steam.			1		Ins.	H	
City of Connersville (Water Works)							Steam.	3				Ins.	H	
†Connersville Blower Co	Manufacturing blowers	194	6			55	Steam.	3				Ins.	H	
†Connersville Buggy Co	Manufacturing vehicles	40	3			58	Elec							
†Connersville Furniture Co	Mfrs. bed and dining room furniture	183		7		60	S. & E.	3				Ins.	H	
†Connersville Ice Co	Manufacturing ice and ice cream	10				72	Steam.	2				Ins.	H	
†Connersville Lumber Co	Lumber and building material	25	1	1		60	Steam.	1				Ins.	H	
†Connersville Mirror Works	Manufacturing mirrors	7				59								
†Connersville Telephone Co	Telephone exchange	6	16			59								
†Connersville Wheel Co	Manufacturing automobiles	73	2			58	Steam.	3				Ins.	H	
†Crescent Enterprise Laundry Co	Laundry and dry cleaning	6	8			58	Steam.	1				Ins.	H	
†Examiner Publishing Co	Printing and publishing	4	2			60								
†Fayette Lumber Co	Lumber and building material	5				58								
†Fayette National Bank	Banking	5	1			51								
Fries, A. & Son							Steam.	1				Ins.	H	
†Guttman's	House furnishings	3	2			57								
†Hackman, Heeb Co	House furnishings	5	1			60								
Haxtable, F. W	Laundry						Steam.			1		Ins.		
Heinman, J. L							Steam.			1		Ins.	H	
Hydro Electric Light & Power Co	Light and power						Steam.		2			Ins.	H	
†Indiana Lamp Co	Manufacturing motor lamps	29	8			55	Elec						A	
*Jaques, A. B	Millinery		6			48								
†Joseph, Phil Co	Dry goods	3	17			63								
Krell Auto Grand Piano Co	Manufacturing piano players						Steam.		2			Ins.	H	
†Leiter, A. E. Co	Dry goods	2	10			54								
†Lexington Motor Car Co	Manufacturing motor cars	20	1			58, 48	E. & S.	1				Ins.	H	
*Light, Heat & Power Co	Electric light, water, etc	17	3			54	Steam.		3			Ins.	H	

†Lyric Amusement Co	Motion picture show	2	1			50								
McFarlan Carriage Co	Automobiles	100	3			60	Steam	3				Ins	E. H.	Good
†McFarlan Hotel	Hotel	8	11			62	Steam	1				Ins	H.	
Mount, J. C. & J. H							Steam				1	Ins	H.	
†Neal & Stoll	Plumbing and heating	6				59								
†Palace Hotel	Hotel	6	8			70	Steam				1			
†Rex Buggy Co	Vehicle manufacturing	185	15	2	2	58, 52	E. & S	2				Ins	H.	
†Roots, P. H. & F. M. Co	Manufacturing blowers	198	2			56, 42	E. & S	2		1		Ins	H.	
Sherry, W. H	Saw mill						Steam	1				Eng		
†Times News Co	Publishing	10	4	1		59, 53	Elec							
†Triumph Safe & Lock Co	Manufacturing safes and locks	20				59								
†Van Hart, L. M. Co	Coal and coke	5	1			54 48								
*Vaudette Theatre	Theatre	11	2			18								
*Wainwright, W. W. & Son	Manufacturing engines	20				55	Elec							
†Walker Restaurant Co	Restaurant	2	3			77, 70								
†White Water Creamery Co	Creamery	7				60	Steam	1				Ins	H.	

CONVERSE, MIAMI COUNTY. (Population, Census, 1,164.)

Knox & Porter	Flour mill						Steam	1				S. D.	H.	
†Sumpter, J. J	General merchandise	5	4											

CORUNNA, DEKALB COUNTY. (Population, Census, 318.)

Corunna Mills	Flour mill						Steam	1				S. D.	H.	
‡Reynolds Bros							Steam	1				S.D., Eng		
‡Stormm, Wm	Saw mill						Steam	1				S.D. B.M.		

CORYDON, HARRISON COUNTY. (Population, Census, 1,703.)

†Corydon Democrat	Newspaper	3	4			54								
Corydon Ice Co	Manufacturing ice						Steam	2				Ins		
Corydon Milling Co							Steam	1				Eng		
†Corydon National Bank	Bank	3	2			48								
†Keller Manufacturing Co	Manufacturing wagons	156				58	Steam	3				Ins	H.	
†Keller, W. H. Co., The	Department store	8	4			65				1		Eng		

CORYDON, HARRISON COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
McGrain, Albert							Steam			1		Eng		
†Trotter, C. P. & Co	General merchandise	2	3			60								
Water Works	Water works						Steam	1				Ins		
Watson Milling Co							Steam	1				Ins		
Wright, Frank R							Steam	1				Ins		

COVINGTON, FOUNTAIN COUNTY. (Population, 2,069.)

‡Covington Creamery Co	Creamery	1					Steam	1				S. D		
Covington Grain Co	Grain elevator						Steam	1				Eng		
†Covington Sand & Gravel Co	Sand and gravel	7				60	Steam			2				
Covington Water & Light Co	Water and light						Steam	2				S. D		
†Fountain Telephone Co	Telephone	4	6			48								
Ireland, Wm	Saw mill						Steam	1				S. D	H	
†Leader, The	Department store	5	5			56								
†Loeb, J	General merchandise	6	2			60								
Sheid, H. E	Canning factory						Steam	2				S. D	H	
Sheid, H. E	Cement tile manufacturer						Steam			1		S. D		

COXVILLE PARKE COUNTY. (Population, 450.)

Acme Glass Sand Co	Sand for glass	18				60	Steam	3				Ins		

CRAIGVILLE, WELLS COUNTY (Population, Census, 150.)

Burkhardt, G. T	Grain elevator	2								1		S. D		

CRANE, TIPPECANOE COUNTY. (Population, 38.)

Crabbs, Reynolds, Taylor Co	Grain elevator						Steam	1				Ins	H	

CRAWFORDSVILLE, MONTGOMERY COUNTY. (Population, 10,000.)

†Airdome Theatre	Picture show	3	1			12								
†American Steam Laundry	Laundry	3	3			50	Steam	1						
†Arc Theatre	Picture show	3	2			36								
†Barnhill Hornaday & Pickett	Merchandise	8	2			63								
†Ben Hur Lunch Room	Restaurant	4	5			77								
†Birch & Birch	Machinery	10				60	Elec							
†Bischof, Louis, Big Store	Department store	21	64			60								
Boss Manufacturing Co	Manufacturing cotton gloves	14	64			60								
*Carr, W. C. & Son	Contractors	20				54								
†Citizens National Bank	Bank	6				54								
†Clarke, J. Q. Tank Co	Manufacturing steel tanks	9				60								
†Claypool, M. L. Music Co	Retail musical instruments	19	3			54								
†Clements, Andrew S	Real estate, insurance and abstracts	8	3			60								
†Crabbs, Reynolds, Taylor Co	Grain	53	2			60	Steam	1				S.D., Ins	H	
*Crawford Hotel	Hotel	25	4	1			Elec							
†Crawfordsville Casket Co	Manufacturing caskets, etc	34	15			54	Steam	2				Ins, S D.		
Crawfordsville Electric Light & Power Co	Electric light and power	17	1			60	Steam		3			S.D., Ins		
†Crawfordsville Furniture & Lumber Co	Furniture and lumber	100				60	Steam	2						
†Crawfordsville Hardware Co	Hardware	7	1			60								
†Crawfordsville Heating Co	Steam heating	7				77	Steam	2	3			S.D., Ins	H	
†Crawfordsville Ice & Cold Storage Co	Manufacturing ice	20				72	Steam	2				Ins., S.D	H	
†Crawfordsville Journal Co	Newspaper	16				48								
†Crawfordsville Review	Publishing and printing	10	4			48	Elec							
†Crawfordsville Shale Brick Co	Manufacturing brick	35				48	Steam	2				S.D., Ins	H	Good
†Crawfordsville State Bank	Banking	7	1			48								
†Crawfordsville Transfer Co	Transfer	14				70								
Crawfordsville Water & Gas Co	Water and gas						Steam	3				S.D., Ins	H, B	Good
†Crawfordsville Wire Bound Box Co	Manufacturing wire boxes	25				60	E. & S	2				S.D., Ins	A, B, H	Good
†Crawfordsville Wire & Nail Co	Manufacturing wire nails	200	1			60, 48	E. & S		2			S.D. Ins		Good
†Elston National Bank, The	Banking	5	1			48								
†Evans, Frank C. & Co	Farm loans	4	2			48								
†First National Bank	Bankers	7				54								
*Golden Rule Store	Dry goods	1	7			64								
†Gosnell Laundry	Laundry	2	7			48, 60	Steam	1				Ins., S.D	H	
†Graham, Geo W. Co	Department store	17	48			60, 58	Elec							
Grimes, J. P. & Sons	Laundry	4	8				Steam	1				S. D		
†Harding & Slattery	General contractors	20				60								
‡Hawley, M. C	Saw mill						Steam	1				S. D		

CRAWFORDSVILLE, MONTGOMERY COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes. Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.	Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers. Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.	Orders Issued and Complied With.	General Sanitary Conditions.
Helm, S. D. Mfg. Co	Manufacturing hog fountains	5	1			54								Good.
†Indiana & Ohio Live Stock Ins. Co	Insuring cattle	10	4			30, 48								
Indiana Lighting Co	Lighting						Steam	2				Ins S.D	H	
†Indiana Match Corporation	Manufacturing of matches	40	45			60	Steam	2				In., S.D	A, D H	Good.
†Indiana Printing Co	Printing	8	4			55	Elec							
Indianapolis, Crawfordsv. & Danville Elec. Ry.	Railway and traction						Steam		4			S.D., Ins		
†Joy Theatre	Moving pictures	5	2											
Lee, Edward	Elevator						Steam	1				S.D., Ins		
†Little & Rodgers	Restaurant	6	4			70								
Lyle & Reynolds	Machine shop	3				54	Elec							Good.
Masonic Temple Association							Steam			2		Ins	H	
†McDonald & Co	Growing plants	6	2			60	Steam							
†Mercer, Winchel Lumber Co	Lumber	5	1			50								
Montgomery Hardwood Lumber Co	Saw mill						Steam	2				S.D., Ins	H	
†Mulheiser, W. A	Manufacturing cigars	11				48								
†Music Hall Theatre	Theatre	4	1											
†Northern Cafe	Restaurant	8	4			72								
†O'Connor Bros	Road contractor	10				64								
†O'Neall, W. I. Co	Manufacturing corrugated culverts	5	1			54	Elec							
†Poole, Bosworth Mfg. Co.	Manufacturing sheet metal goods	13	2			60, 48	Elec						D	Good.
†Poston Paving Brick Co	Manufacturing brick	45				60	Steam	2				S.D., Ins	A	Good.
†Ramsey Hotel	Hotel	3	2											
†Robb, W. F. Grocery Co.	Groceries	5	1			60								
†Smith & Duckworth	Planing mill	8				54	Steam	1				S.D., Eng		
†Standard Brick Co	Brick manufacturing	20				54	Steam	1				S. D	H	
†Stout, Geo. W	Planing mill	7				54	Elec							
†Supreme Tribe of Ben Hur	Life insurance	24	16			48								
*Tinsley, H. R. & Co	Hardware and implements	6				60								
†Vaughan & Casey	Bottling works	8				60	Elec							Good.
Wabash College	College						Steam	3				Ins		
†Warner & Peck	Retail clothing	8	1			63								
†Wide Awake Mercantile Co	General merchants	5	6			63, 57								
†Willis, M. W	Grocery	5	5			65	Elec							

CROCKER PORTER COUNTY. (Population, Census, 151.)

Wabash Railroad Co	Pumping station						Steam	1				B. M		

CROMWELL, NOBLE COUNTY. (Population, Census, 520.)

†Moore, Milton & Son	Saw mill	9				54	Steam	1				S.D., Ins	A, B, H	Good
Steifel & Levy	Elevator	2				60	Gas						B	Fair

CROTHERSVILLE, JACKSON COUNTY. (Population, Census, 1,038.)

Crescent Milling Co	Flour mill						Steam	1				Ins	H	
†Crothersville Canning Co	Canning	15	5			54	Steam	1				Ins	H	
Crothersville Lumber Co	Saw mill	18				60	Steam	2				Ins	A, D, H	Good
†Hyatt Cooperage Co	Manufacturing staves	20				60	Steam	2				Ins	A, B, H	Good
†Rider Packing Co	Canning	25	10	4	15	60, 50	Steam	2				Ins	H	Good
Ritz, J. G	Brick and tile	4					Steam	1				Eng	H	Good
Rude, W. C. Mfg. Co	Wood handles	20		6		60	Steam	1					A, B, C	Good

CROWN POINT, LAKE COUNTY. (Population, Census, 3,000.)

†Auerbach, M	Manufacturing overalls	7	14			48	Elec							
†Caldwell Hotel	Hotel	1	3			70								
Crown Point Electric Co	Manufacturing light and power	3				84	Steam	2				Ins	C	Good
Crown Point Manufacturing Co							Steam	1				Ins	H	
†Letz Manufacturing Co	Manufacturing feed mills	20	3			60, 48	Steam	1				S.D., Ins	A, B	Fair
†Lyric Theatre	Moving pictures	1	3											
Middle West Utilities Co	Water and light						Steam	3	1			S.D., Ins	H	
Trump, Geo	Machine shop	2	1			60	Steam	1					A, B	Good

CULVER, MARSHALL COUNTY. (Population, Census, 810.)

Culver Military Academy	Academy						Steam		4			Ins		
Lake View Hotel	Hotel	18	5											
‡O'Keefe, Wm	Sand and gravel	3					Steam			1		S.D.		

CUMBERLAND, MARION COUNTY. (Population, Census, 350.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Gale, W. M.	Flour and feed						Steam	1				Ins	H	
Insane Hospital (Julietta)							Steam	2				Ins		

CURTISVILLE, TIPTON COUNTY. (Population, Census, 123.)

†Curtisville Tile & Brick Co	Brick and tile	20				60	Steam	2				S.D., Ins		
Urmston Grain Co	Grain elevator						Steam	1				S.D., Ins	H	

CUTLER, CARROLL COUNTY. (Population, Census, 150.)

Cohee, A. B	Grain elevator						Steam	1				Ins	H	

DALE, SPENCER COUNTY. (Population, Census, 583.)

Brown, A. T. & Sons	Saw and planing mill						Steam	1				Ins	H	
Dale Canning & Mfg. Co	Cannery						Steam	1				Ins	H	
Dale Creamery	Creamery						Steam	1				Eng		
†Wallace Milling Co	Flour and feed	6	1			60, 66	Steam	1				Ins	H	

DALEVILLE, DELAWARE COUNTY. (Population, Census, 650.)

†Daleville Canning Co	Cannery	10	30			55	Steam	2				Ins		
†Daleville Mfg. Co	Saw mill	8				55	Steam	1				Ins		

Fetrow, James	Planing mill						Steam	1				Eng		
Sutton, J. G	Cannery						Steam	1				S. D		

DANA, VERMILLION COUNTY. (Population, Census, 748.)

American Hominy Co	Grain elevator						Steam	1				Ins	H	
Arctic Ice Co	Ice	2				72	Steam						A	Good.
Dana Water & Light Co	Water and light						Steam	1				Ins	H	
†Indiana Telephone & Telegraph Co	Telephone and telegraph	12	22			54, 60								

DANVILLE, HENDRICKS COUNTY. (Population, Census, 1,640.)

†Danville Canning Co	Cannery	10	40	5	5	54	Steam	2				Ins	H	
†Danville Light, Heat & Power Co	Light, heat and power	8					Steam	4				Ins	H	
Danville Water Works	Water	1					Steam	2				S.D., Ins	H	
†First National Bank	Banking	4	1											
†Home Lumber Co	Lumber	8				58								
‡†Klondike Milling Co	Flour	8				66	Steam	1				S.D., Ins	H	
‡Shockley, Kiney	Saw mill	5					Steam			1		S. D		
†Valler Front Store	Grocery	7				80								

DARLINGTON, MONTGOMERY COUNTY. (Population, Census, 708.)

Darlington Grain Co	Elevator						Steam	2				Ins	H	
Darlington Water Works	Water	3					Steam	1				S.D., Ins	H	
Lynch, W. B	Saw mill						Steam	1				Ins	H	
Malsbary & Co	Grain elevator	2					Steam	1				S.D., Ins		
Malsbary & Co	Flour and feed mill	1					Steam	1				S.D., Ins	H	

DAVIS, LAPORTE COUNTY. (Population, Census,——.)

Pennsylvania Ry. Co	Pump station	3					Steam	2				B. M		

DAYTON, TIPPECANOE COUNTY. (Population, Census, 550.)

Dayton Grain Co	Grain elevator	3					Steam	1				S.D., Ins		

DECATUR, ADAMS COUNTY. (Population, Census, 4,471.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Adams County Lumber Co	Lumber	13				60	Steam	1				S. D	H	
Adams S. H	Barrels						Steam	2				Ins		
Bremerkamp, H. H	Flour mill	5					Steam	1				S. D		
†Burk Elevator Co	Grain elevator	5				50	Elec							
†Citizens Telephone Co	Telephone	12	13			59, 60								
†Conter, H. L	Ice cream, soft drink	8				60	Elec							
†Decatur Democrat Co., The	Newspaper and job	11	1			54								
†Decatur Foundry, Furnace & Mch. Co	Foundry	12				60	Elec						A	Good
*Decatur Herald Co	Printing	5	1			54	Elec							
†Decatur Hoop Co	Cooperage	50				60	Steam	3						
†Decatur Lumber Co	Lumber and coal	8				60								
†Decatur Produce Co	Produce	7	23			60	Elec							
‡†Decatur Steam Laundry	Laundry	2	4			60	Steam	1				S. D		
Decatur Supply Co	Egg cases						Steam	1				S. D	H	
Decatur Power Plant	Light and water						Steam		3			Ins	H	
*Fireproof Livery and Garage	Livery and garage	15				60	Elec							
†First National Bank	Banking	4	2			48								
*Fort Wayne & Springfield Ry Co	Railroad	42	2	1		60, 70	Steam		3					
†Fullerkamp, Mrs. M	Department store	3	4			54								
†Giriod & Baker	Bakery	6	2			60, 70								
Hauck & Gerber	Stone crusher	10					Steam	1				S.D.,Eng	H	
†Haugh, Julius	Contractor	8	2											
*Holland St. Louis Sugar Co	Sugar	200	3			50, 84	Steam		8			Ins	H	
Hoosier Packing Co	Ice						Steam	2				S. D	H	
†Hotel Murray	Hotel	20					Heating				2			
†Indiana Board & Filler Co	Strawboard	62	24			60	Elec							
Indiana Lighting Co	Light and gas						Steam	1				Ins		
Kirsch, Peter	Planing mill	1					Steam	1				S.D.,Eng	H	
†Krick, Tyndall & Co	Tile	35	1				Steam	2		1		Ins	H	
†Kuebler Co	Dry goods	3	4			50, 58								
*La Fountaine Handle Co	Handles and heading	22				60	Steam	1				Ins	H	
Larrowe Construction Co	Construction						Steam		8			Ins		
†Lose & Thomas	Cigar	10	6			46								
†Martin, Jacob	Restaurant	3	3			42								

†Niblick & Co.	General store	6	4			60, 72								
Oak Roller Mills	Flour mill	4					Steam	1				S. D		
†Old Adams County Bank	Banking	7	1			60								
Robinson Lumber Co	Lumber	4					Steam	1				S D	H	
†Schlickman, Henry F	Restaurant	5	3			70								
†Sether, Charles	Cigars	9	11			48								
Ward Fence Co., The	Fence	50				60							A	Good
†Waring Glove Co	Gloves and mittens	9	149	6	50	55	Elec							
†White Stag Cigar Co	Cigars	4	4	2		48								

DEEDSVILLE, MIAMI COUNTY. (Population, Census, 112.)

‡Galey, J. A	Drain tile	6					Steam	1				S. D		

DELPHI, CARROLL COUNTY. (Population, Census, 2 161.)

Board of School Commissioners	School						Steam	1				Ins	H	
†Broadbick Bakery	Bakery	5				48	Elec							
Campbell, A. A	Stone quarry						Steam			1		S. D	H	
†Carroll Telephone Co	Telephone	2	6			60	Elec							
Dame, E. H	Laundry	2	2				Steam	1				S.D., Ins	H	
†Delphi Journal	Newspaper	3	3	1		54								
†Delphi Lime Co	Lime	8				60								
†Delphi Lumber Co	Lumber and planing mill	14				60	Steam		1			Ins	A	Good
‡Delphi Strawboard Co	Strawboard	14	1				Steam	6				S. D	H	
Delphi Water Works	Municipal						Steam	2				Ins		
†Great Western Canning Co	Cannery	30	20			60	Steam	2				Ins		Good
†Ives, J. T. & Sons Co	Department store	7	13			54, 57								
Kerlin & Co., C. M	Auto parts						Steam	1				Ins	H	
‡O'Connor & Son, J. C	Contractors	14					Steam	1	1	1		S. D	H	
†Pierce Macadam Co	Stone crushing	26				60	Steam	1				S. D	H	
Roach & Rothenberger	Flour mill	4	1				Steam	1				S.D., Ins	H	
Runkle, W. Z	Saw mill	7				60	Steam	1				S.D., B.M.	H	

DE MOTTE, JASPER COUNTY. (Population, Census, 200.)

Libby, McNeill & Libby	Cannery						Steam			1		Ins	H	

DEPAUW, HARRISON COUNTY. (Population, Census, 150.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sections.	Boilers Inspected and by Whom.		
*Southern Indiana Bending Co.	Lumber and wagon stock	20				60	Steam	1						

DEPUTY, JEFFERSON COUNTY. (Population, Census, 300.)

Rider Packing Co.	Packing and canning						Steam	1				Ins.	H	

DONALDSON, MARSHALL COUNTY. (Population, Census, 110.)

Schlosser Bros.	Creamery						Steam.	1				Ins.		

DUGGER, SULLIVAN COUNTY. (Population, Census, 1,226.)

Co-operative Coal Co.	Mining						Steam	1				Eng.		
†Harding's Theatre	Moving pictures	2												
†Hedrick Co., J. W.	General merchandise	10	6			61								
†Hotel Grand	Hotel	3												
*Ringo Department store	Department store	4	3			60								
†Sunflower Coal Co.	Mining	220		5		48	Steam	3				S.D.,Eng.	H	
‡Vandalia Coal Co	Mining	350					Steam	4				S. D.		

DUNDEE, MADISON COUNTY. (Population, Census, 175.)

Urmston Grain Co.	Grain elevator						Steam	1				Ins.	H	

DUNKIRK, JAY COUNTY. (Population, Census, 331.)

American Gas & Electric Co	Light and water	2				84	Steam	3				Ins	A, B	Good
Barnes & Co., R. J	Flour mill	3				60	Steam	1				Ins	A, B	Good
†Citizens Telephone Co	Telephone	3	5			54								
†Dunkirk Mercantile Co	General merchandise	4	10			68								
†Hardware Supply Co	Hardware	8	1			50, 60								
†Indiana Glass Co	Glass	325	89	12		49½ 54, 58	Steam	3				Ins	A, B, F, H	Good
Maring, Hart & Co	Glass bottles	450					Steam	2				Ins	H	
‡Martin Bros	Drain tile						Steam	1	1			S.D.,B.M.		
Skinner Grain Co., W. L	Grain	4	1			60	Gas						B	Good

DUNN, BENTON COUNTY. (Population, Census, 75.)

Starze & Co., W. F	Grain elevator						Steam	1				Ins	H	

DUNREITH, HENRY COUNTY. (Population, Census, 181.)

†Farmers Canning Co	Cannery	30	40		3	30	Steam	2				Ins	H	

DUPONT, JEFFERSON COUNTY. (Population, Census, 300.)

†Graston, Geo. W. Lumber Co	Lumber and saw mill	10				60	Steam						A, B	Good
Graston Milling Co., Geo. W	Milling					60	Steam						A, B, D	Good

DURBIN, HAMILTON COUNTY. (Population, Census, 25.)

Goodrich Bros	Grain and hay						Steam	1				Ins	H	

EARL PARK, BENTON COUNTY. (Population, Census, 609.)

Flinn & Gaunt	Grain elevator						Steam	1				Ins		
Wilson, Barr Co	Elevator						Steam	1				Ins	H	

EAST CHICAGO, LAKE COUNTY. (Population, Census, 20,000.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†American Conduit Co	Conduits	18	1			59	Steam.	1				S.D., Ins.	H	
Baltimore & Ohio Railway	Locomotive and car repairs	160					Steam.	1		1		S.D.,B.M.	H	
Calumet Car Co	Car repairing	8				54	Elec						A	Good
†Calumet Laundry	Laundry	10	21				Steam.	1						
†Chicago Flexible Shaft Co	Fuel briquettes	12				60	S. & E.			1		Ins	H	
City of East Chicago	Schools and pump station						Steam.	2		2	1	Ins	H	
†Cudahy Packing Co	Soap and washing powder	200	25	50	75	55, 60	Steam.	4				S.D., Ins.	A, B, H	Fair
†Diamond, W. R	Grocery, etc	11	3			60								
*East Chicago Transfer & Express Co	Transfer	19	1			44, 60								
Eschenbach, Frank T	Bakery	2	2			60							G	Fair
†Famous Mfg. Co	Baling presses	25	1	3		60	Steam.	2				S. D.	A, H	Fair
†German American Car Co	Cars	120				54	Steam.	1				S.D., Ins.	H	
†Goldsmith Detinning Co	Detinning	128	2			54, 72	Steam.	2				S.D., Ins.	A, B	Good
†Grasselli Chemical Co	Chemicals	542	3			48, 60	Steam.	10	6			S.D., Ins.		
*Graver Wm., Tank Works	Steel tanks	155	5			48, 54	Steam.	2				S.D., Ins.	H	
†Great Lakes Cement Construction Co.	Cement blocks	5				48	Elec							
†Green Engineering Co	Chain stokers	243				54	Steam.	2				S.D., Ins.		
*Harbison-Walker Refractories Co	Fire brick	250				60	Steam.		4			S.D., Ins.	A, H	Good
†Hartley, Joe & Son	Coal and building material	6	1			60								
†Hubbard Steel Foundry Co	Steel casting	219	1			50	Steam.		2			S.D., Ins.	A, H	Good
*Hyman, Michaels Co	Scrap iron	50				60	S. & E.			1				
†International Lead Refining Co	Lead refining	123	2			44, 65	Steam.		3			S.D., Ins.		
†Interstate Iron & Steel Co	Bar iron and steel	999	1			48, 72	Steam.		16			S.D , Ins		
†Lake County Ice & Storage	Ice	18	1			60, 70	Steam.	2				S.D , Ins.	H	
†Lanman, E B Co	Metal goods	94	6			60	Elec							
†Limbert, Geo. B. Co	Iron pipe fittings	130				59	Steam	2				S.D., Ins.	H	
†Linde Air products Co	Oxygen	34	2			54 60							L	Good
†Locomotive Superheater Co	Superheaters	50				60	Steam.	1				S.D., Ins.	H	
Northern Indiana Gas & Electric Co	Light and power	10					Steam		6			S D., Ins.	H	
Republic Iron & Steel Co	Steel bars, etc	1,100					Steam.		17			S.D , Ins.	H	
†U. S. Metals Refining Co	Metal refining	150				57, 80	Steam.		3			S.D., Ins.	H	
U. S. Reduction Co	Manufacturers and smelters of metal.	35	3			50							A, B	Fair

EATON, DELAWARE COUNTY. (Population, Census, 1,428.)

Paragon Paper Co	Strawboard	50					Steam	5				S.D., Ins		
Union Traction Co	Power house						Steam		3			Ins	H	
†Western Flint Glass Co	Bottles	152					Steam	2				Ins	H	

EDGERTON, ALLEN COUNTY. (Population, Census, 250.)

Auspach J. P. & Son	Brick and tile	19					Steam	1				S. D.	H	
Union Grain Co	Grain elevator						Steam	1				S. D.	H	

EDINBURG, JOHNSON COUNTY. (Population, Census, 2,040.)

†Citizens Telephone Co., The	Telephone	3	6			54								
*Cutsinger, M. & Diamond Veneer Co	Grain elevator and veneer	23	1			54, 60	Steam	2				Ins	H	
†Edinburg Cabinet Co	Sewing machine woodwork	61		4		54, 60	Steam	2				Ins	H	
Edinburg School	School						Steam				2	Ins		
†Favorite Veneer Works	Veneers	15				60	Steam	2				Ins		
Interstate Public Service Co	Power plant						Steam		11			Ins	H	
Naomi Canning Co	Cannery						Steam	3				Ins	H	
Town of Edinburg	Water works						Steam	3				Ins		
†Union Starch & Refining Co	Starch, etc	148	6	4	6	54, 60 72	Steam		4			Ins		
Wertz & Amos							Steam	2				Ins	H	

EDWARDSPORT, KNOX COUNTY. (Population, Census, 750.)

Edwardsport Milling Co	Flour mill						Steam	1				Eng	H	

ELKHART, ELKHART COUNTY. (Population, Census, 19,282.)

†Air Dome Amusement Co	Moving pictures	4	1											
†American Coating Mill	Coating paper, etc	46	15				Steam	2				S.D., Ins	H	
†Angldile Computing Scale Co	Scales	69	23		3		E. & S	2				S.D., Eng		
†Antiseptic Barber Shop	Barber shop	8				60								
†Barger Bros	Paper boxes	25	54	2	5	54, 59	Steam	1				S.D., Ins	H	
†Bell, Jas. A Co	Printing	28	17	2	3	50, 54	Elec							
†Boston Store	Department store	3	15	1	1	54								

ELKHART, ELKHART COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Bucklin Theatre	Theatre	4												
†Buescher Band Instrument Co	Musical instruments	75	25			54							E	
†Burrell & Morgan	Milling and grain	6				60	Water							
*Chester, E. M	Cigars	12	2			48								
†Chicago Telephone Supply Co	Telephone supplies	75	25			55	E. & S	1				S.D., Ins	H	
City of Elkhart	Schools						Steam	5				Ins	H	
†‡Conn, C. G., Inc	Musical instruments	261	29		15	54	Steam	2				S D., Eng		
†Crow Motor Car Co	Automobiles	87	10			60	Steam	2				S.D., Ins	A, H	Good
†Davis Acetylene Company	Acetylene apparatus	28	8			55	Elec							
*Depot Hotel	Hotel	3	2			58, 60	Heating				1			
*Dilly Baking Co., The	Bakery	13	3	5	1	60	E. & S							
†Elkhart Brass Mfg. Co	Brass goods	53	2	1		48, 59	Elec						A	Good
†Elkhart Bridge & Iron Co., The	Structural steel, etc	44	1			60	Elec							
†Elkhart Bristol Board & Paper Co., The	Paper	25				64	Steam	2				S.D., Ins	A, H	Good
Elkhart Carriage & Harness Mfg. Co	Automobiles, vehicles and harness	110	20	3		48 55, 60	Steam		2			S.D., Ins	H	
†Elkhart Gas & Fuel Co	Gas	43	1			60	Steam	2				S.D., Ins	H	
†Elkhart Hardware Mfg. Co	Hardware specialties	22	1			55	Elec							
Elkhart Hydraulic Co							Steam			1		S. D		
†Elkhart Iron Works	General foundry	22				60	Elec						A, H	Good
Elkhart Junk Co	Junk dealers	3	1			54	Steam	1				S. D	H	Fair
Elkhart Laundry Co	Laundry	7	13				Steam			1		Ins., S.D	H	
†Elkhart Musical Instrument Co	Musical instruments	18	5			54	Elec							
†Elkhart Paper Co	Paper	166	27			54, 60	E. & S		4			S.D., Ins	H	
†Elkhart Rubber Works	Rubber goods	36	3		1	55	Steam	2				S.D., Ins		
†Elkhart Water Co	Water	7	3			63, 70	Steam		3			S.D. Ins	H	
†Family Theatre	Picture show	1	2											
*Favorite Barber Shop	Barber shop	5												
†Finn & Gemberling Co	Grocery	7	1			58, 64								
†First National Bank	Banking	6				42								
†First State Bank	Banking	6				48								
†Fisher, E. A	Livery	6				60, 70								
Foster Machine Co	Lathes	65	1				Steam	1				S.D., Ins	H	
†Garden City Tablet Co	Paper tablets	72	14	5	19	55	Elec							

†Gossard, H. W. Co., The	Corsets	22	153		25	48	E. & S.			2		S D., Ins.	B, H.	Good.
†Grand Dispensary Co.	Medica'	7	26			50								
†Griffin & Son	Groceries and meats	15	2			56								
*Hotel Bucklen	Hotel	18	14			63	Elec.							
†Hotel Golden	Hotel	1	9											
†Ideal Laundry	Laundry	5	5			45, 60	E. & S.			1		S. D.		
Indiana & Michigan Electric Co.	Light and power	4					Steam	3				S.D Ins.		
†Kieth Bros. & Moran	Restaurant	8				70								
*Kollar, Chas. H.	Grocery	9	2			40, 60								
†Kuhlman Electric Co.	Transformers	24	1			48, 59	Elec.							
Lake Shore & Michigan Southern Ry.	Railroad repair shop						Steam		3	5		S.D.,B M	H.	Fair.
†Lusher Bros.	General merchandise	5	2			45, 48								
†Martin Band Instrument Co.	Musical instruments	45	10			48, 49½	Elec.							
†Miles Medical Co., The	Proprietary medicines	54	70	1	3	54	E. & S.	2				S.D., Ins.	H.	
†Millers Art Store	Wall paper and art	10				54								
†Northern Indiana Brass Fdy. Co.	Brass foundry	6				50								
Noyes Carriage Co.	Carriages	75	6				Steam.	1				S. D.		
†Princess Theatre	Moving pictures	1	2			30, 40								
						50								
†Reid, Brice H. Co.	Electrical contractor	14	2			54								
†Review Printing Co.	Printing	14	4	2		48								
†Rex Theatre	Theatre	3	1			38								
*Robbins & Swinehart	Grocery, meat, bakery	9	1			56								
*St. Joe Ice Company	Ice	29	1			48, 60	Steam.	2				S.D. Ins.		
						70								
†St. Joseph Valley Bank	Banking	4	2			48								
†Sanders, J. P. Coal Co.	Building material and coal	4	1			60								
†Shafer & Schult	Clothing and furnishing goods	5	2			46, 50								
†Sidway Mercantile Co.	Gocarts and tables	207	33	3	7	50, 55	E. & S.	2				S.D., Ins.	H.	
†Star Theatre	Moving pictures	2	1			30, 42								
†Struble Computing Scale Co.	Scales	28	7			60	Elec.							
†Sykes, H. B. Co.	General store	8				51	E.ec.							
Troy Laundry Co.	Laundry	10	25				Steam	1				S.D., Ins.	A, C, H.	
†Truth Publishing Co.	Newspaper	35	7			48	Elec.							
†Turnock & Sons	Hardware, sport goods	7	2			54								
†Twin City Grocer Co.	Wholesale grocery	6	3			53, 60							E.	
†Venetian Theatre	Moving pictures	1	2											
Wambaugh Sanitary Milk Co.	Milk	8					Steam	1				S.D.,B M.		
†Watterson J. C. Machine Co.	Machine shop	5				59	Gas							
*Whitman, Wm. T.	Restaurant	4	4			56, 70								
Wicks Refrigerator Co.	Refrigerators						Steam.	2				Ins.		
†Winey Bros. Mfg. Co.	Planing mill	40				55	F. & S.	1				S.D., Ins.	H.	
†Ziesel Bros. Co.	Department store	15	40			57								

ELLETTSVILLE, MONROE COUNTY. (Population, Census, 676.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes. Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.	Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers. Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.	Orders Issued and Complied With.	General Sanitary Conditions.
Elettsville Milling Co.	Flour mill						Steam	1				Eng	H	
Griswold & Chambers	Stone						Steam	1				Ins	H	
King, Alexandria, Stone Co	Stone						Steam	2				Ins	H	
†Perry Stone Co	Stone	24				60	Steam	2		3		Ins	H	
Stewart, H H	Saw mill						Steam	1				Eng		
†Thompson & Sandy Stone Co	Stone	22				60	Steam	2				Ins		

ELNORA, DAVIESS COUNTY. (Population, Census, 961.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.	Work Hours Per Week.	Kind of Power Used.	Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.	Orders Issued and Complied With.	General Sanitary Conditions.
†Chestnut, S. E	Mining	7				48	Steam							
Elnora Electric Co	Light and power						Steam	1				Eng	H	
Elnora Milling Co	Flour and feed						Steam	1				Ins	H	
Elnora Packing Co	Cannery						Steam	1				Eng		

ELWOOD, MADISON COUNTY. (Population, Census, 1,128.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.	Work Hours Per Week.	Kind of Power Used.	Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.	Orders Issued and Complied With.	General Sanitary Conditions.
†Alpine Hotel	Hotel		1											
American Gas & Electric Co	Light and power						Steam		3			S.D., Ins		
American Sheet & Tin Plate Co	Sheet and tin plate						Steam	2	15	5		S.D., Ins	H	
†Ames Shovel & Tool Co	Rolling shovel plate	143	1			60	Steam	7				S.D., Ins	H	
†Call Leader	Newspaper	7				53	Elec						A, C, G	Fair
Curtis Barber Shop	Barber shop	3				65							C	Good
†Downs, J. P	Abattoir	8	1			60	Steam	1				Ins		
†Elwood, Anderson & Lapelle R. R. Co	Railroad	10				60	Steam							
†Elwood Daily Record	Publisher and printer	6	1			54	Elec							
†Elwood Electric Light Co	Light and power						Steam		3			Ins	H	
†Elwood Iron Works Co	Foundry and machine	42				60	Steam	1				Ins		
†Elwood Lawn Mower Mfg. Co	Lawn mowers	24	1			60	Elec						A	Good
†Elwood Lumber Company	Lumber etc	10				54	Elec							

*Elwood Steam Laundry	Laundry	3	5			53	Steam	1				S. D	H	
†Elwood Trust Co., The	Banking	3	1	*1		60	Steam							
Elwood Water Co	Water works						Steam	4				S.D., Ins.	H	
Erwin & Turner	Cannery						Steam	1				S.D., Eng.	H	
Ferguson, Henry	Cannery						Steam	1				S.D., Eng.	H	
†Frazier Packing Co	Tomato products	50	25			60	Steam	4				S. D		
†German Baking Co	Bakery	6				60								
†Grand, The	Theatre	2				40								
*Heffner, Louis & Son	Building material, etc	8				54								
†Home Storage & Mfg. Co	Ice and soft drinks	15				60, 84	Steam	2				S.D., Ins.	H	
†Hoosier Stogie Mfg. Co	Cigars	3	20			48	Elec						A, C	Fair.
†Indiana Box Co	Wooden boxes	73	1	2		48, 60	Steam	3				S.D. Ins		
Indiana General Service Co							Steam		3			Ins	H	
‡Jersey Creamery	Creamery						Steam	1				S. D		
Lee, A. A	Saw mill						Steam	1				Eng		
†Leeson, R. L. & Sons Co	Mercantile	50	40			60							E	Good.
Macbeth-Evans Glass Co	Glass						Steam	3				S.D., Ins.	H	
†Madison Mfg. Company	Glass	20				58	Elec							
*Maine Restaurant, The	Restaurant	2	4			75								
Majestic Theatre	Moving pictures	2	1											
Ohio Oil Co., The	Pumping oil	39				84	Steam	8				B. M	H	
‡Pittsburgh Plate Glass Co	Manufacturing plate glass						Steam	2				S. D		
*Royse, J. T. Co	House furnishing and hardware	5	3			62								
†Sellers, G. I. & Sons Co	Kitchen cabinets	97	2			48, 60	Steam	1				S.D., Ins.	A E H	Good.
†Small, J. Lewis	Gloves and garments		10			50								
*Tipton-Berry Cigar Co	Cigars	2	28		10	50, 60	Elec							
†Whey, Chas. F. Co	General store	25	23		6								E	Good.
*Winters Lumber Co	Lumber	5	1			48, 60								

EMISON, KNOX COUNTY. (Population, Census, 70.)

Wabash Sand & Gravel Co	Sand and gravel						Steam			1		Ins		
Winkler Mercantile Co	Mercantile	5	2			54								

ENGLEWOOD, BOONE COUNTY. (Population, Census, 18.)

Robinson, John O	Saw mill						Steam	2				Ins	H	

ENGLISH, CRAWFORD COUNTY. (Population, Census, 583.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Crawford Democrat Co., The	Newspaper	3				54	Gas						A, B, C	Good.
†English Canning Co	Cannery	4	5	4	10	30,50								
English Milling Co	Flour mill	4				54	Steam	1				Eng	A, D	
English News	Printing and publishing	3				48							A, B	Good.
English Stave Co	Barrel staves	12				59							A, B	Fair.

ETNA GREEN, KOSCIUSKO COUNTY. (Population, Census, 431.)

†Etna Lumber & Milling Co	Lumber, etc	14	1			60	Steam	1				Ins		

EVANSVILLE, VANDERBURGH COUNTY. (Population, Census, 69,647.)

*Acme Hotel	Hotel	13	8			84								
†Advance Stove Works	Stoves	40				51	Steam							
†Akin, Erskine Milling Co	Milling	50	6			48	Steam	4				Ins	H	
American Cigar Co	Cigars						Steam	1				Ins		
†American Trust & Savings Bank	Banking	11	4			44	Heating			1		Ins		
†Anchor Concrete Const. Co	Concrete	10				60								
†Anchor Supply Co	Awnings and tents	25	25			59	Elec							
†Anderson & Veatch	Building contractors	74	1			48								
†Andreae, George	Shoes	6				58								
†Andres Co., The	Dry goods	24	70		17	57								
†Annex Hotel	Hotel	4	4			48								
†Archbold, John, Coal Co	Mining	55	1											
†Babcock Carriage Co	Vehicles	7				54, 60	Elec							
†Baker, J. & Sons	Overalls and jackets	1	8			50								
†Bankers National Bank	Banking	9	1											

†Beach & Fuller Co	Baskets and crates	91	5	16	18	54, 59	Steam	3				Ins	H	
Beard & Co							Steam			1		Ins		
†Becker & Schlundt	Groceries and meats	2	1	3		54, 60								
†Becker Wagon Works	Wagons and trucks	15	1				Elec							
†Bement & Seitz Co	Wholesale grocery	36	1	1		44, 49	Elec							
†Bernardin Bottle Cap Co	Metal stamping	40	60		30	60	Steam	1				Ins	B, H	
†Bernstein, D. S	Overalls	3	20			54	Elec							
†Bismark Catering Co	Saloon and restaurant	8				70								
†Bitterman Bros	Jewelry	4	5			54	Elec							
†Blackman, Wm. Floral Co., The	Florist	17	3			54 60	Steam	1				Ins	H	
†Blount Plow Works	Plows	80	1	8		48, 54	Steam	2				Ins	H	
Board of School Commissioners	School and library						Heating	8				Ins	H	
* ‡Bockstege Furniture Co	Furniture	80				57	Steam	2				S.D., Ins	H	
†Boettcher & Kellog Co	Wholesale hardware	22	3			57	Steam	1				S.D., Ins	H	
†Bomm, J. F. Drug Co	Drugs	11	4			54, 60								
Bosse & Creiner							Steam	2				Ins		
†Bromm, A. & Co	Confectionery	15	2		1	55								
†Brose & Arnold	Flour mill	5				60	Steam	2				Ins	H	
Brose, George	Flour mill						Steam	1				Ins		
Browning, W. A. Milling Co	Flour mill						Steam	1				Eng		
†Bruning, J F & Son	Coffee and spices	5	2			55, 60	Steam	2				Eng		
†Buckskin Breeches Co, The	Clothing	39	108	1		59								
†Bucyrus Company	Steam shovel	383	8	1	1	59	E. & S		3			Ins	H	
†Buehner Chair Co., The	Chairs	46	1			50, 60	Steam	1				Ins	H	
†Bunker Hill Milling Co	Flour and feed	7				60	Steam							
†Bush, E. M. Hardware Co	Hardware	10	2			49, 63	Elec							
*Caden Stone Co	Stone	25				55	Elec							
†Chicago & Eastern R. R	Railroad	3,243	17			60								
*Citizens National Bank	Banking	16	1			48								
City of Evansville	School, library, pump station						Steam	17	2			Ins	H	
†City National Bank	Banking	19	1			48								
†Clifford Hardware Company	Hardware	13	2			55	Steam	1				Ins	H	
†Cocoa Cola Bottling Works	Cocoa Cola	10				60	Elec							
Commissioners Vanderburgh County	Court house						Steam	2				Ins	H	
†Cook, F. W. Brewing Co	Brewery	587	2			48	Steam	8				Ins	A, D	Good
†Copeland Garage	Garage	5				60	Elec							
†Cottage Building Co., The	Building	16				54								
†Crescent Coal Co	Mining	180				48	Steam	2				Eng		
Crescent Furniture Co	Furniture						Steam	2				Ins		
†Crescent Stove Works	Stoves	75				50, 60	Steam	1				Ins		
†Crown Chair Mfg. Co., The	Chairs and rockers	30	1			48, 55	Steam	1				Ins	H	
†Crown Potteries Co	Granite	175	90	15	10	54	Steam	2				Ins	E	
†Cumberland Tel. & Telg. Co	Telephone	153	224											
†Daudistel, Henry	Meat packers	17				60	Steam	1				Eng		
†Davidson-Dietrick Plow Co	Plows	18	1	1		45, 54	E. & S	2				Ins		
†De Jong, Max	Ladies ready-to-wear garments	6	39		2	58								
†De Vry Barbers Supply Co	Barbers supplies	13	1			53, 60								
†Diamond Coal Co., The	Mining	88				48								
†Edleman Distilling Co	Wholesale whiskey	6	4			48	Elec							
†Elmendorf, Arnold & Co	Furniture and carpets	6				60								

EVANSVILLE, VANDERBURGH COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Evans, S. G. & Co	Dry goods	8	10			60								
†Evansville Baseball Club Co	Baseball	19				21								
†Evansville Book Case & Table Co	Tables	33	1	2		48, 59	E. & S.	1				Ins	H.	
†Evansville Brewing Assn	Brewery	235				48	E & S	7				Ins	H.	
†Evansville Brick & Tile Co	Brick	9				54	Steam.							
†Evansville Broom Co	Brooms	14	6			50	Elec							
†Evansville Carriage Woodstock Co	Woodstock						Steam.	2				Ins	H.	
†Evansville Cigar Co	Cigars	6	219		50	55	E. & S	1				Ins	H.	
†Evansville Coffin Co	Caskets	21	7			54	Steam.	1				Ins	H.	
†Evansville Courier Publishing Co	Publishing	48	5	1	1	54, 48	Elec							
†Evansville Demokrat	Publishing	18		2		48	Elec							
†Evansville Desk Co	Office desks	51	2	12		48, 57	Steam.	1				Ins		
†Evansville Dimension Co	Veneered panels	21				60	Steam.	1				Eng		
Evansville and Eastern Electric Ry	Electric railway						Steam.	2				Ins		
†Evansville Furniture Co	Furniture	135		10		54	Steam.	2				Ins	H.	
†Evansville Grocery Co	Wholesale grocery	13	2			60								
*Evansville Hosiery Co	Hosiery		10			54							A, C	Good.
†Evansville Ice & Storage Co	Ice and storage	50				70	Steam.	5				Ins	H.	
†Evansville Journal News Co	Publishing	42	6	1		48	Elec							
†Evansville Leather & Belting Co	Leather	6	2			54, 60								
†Evansville Metal Bed Co	Metal beds	75	6			60	Steam.	1				Ins		
†Evansville Mirror & Beveling Co	Beveling	18	1	3		40, 60	Steam.	1				Ins	H.	
†Evansville Oil Co	Petroleum	9	1			48	Steam.	1				Eng		
*Evansville Overall Co	Overalls	3	10		18	53½, 59	Elec						D.	Fair.
*Evansville Packing Co	Meat packers	104	1			60	Elec							
†Evansville Paint & Varnish Co	Paints	13	2			54, 60	Elec							
†Evansville Planing Mill Co	Planing mill	35				54	Steam.	1				Ins		
†Evansville Plating Works	Metal plating	5				54	Elec						F	
†Evansville Press Co	Publishing	25	3	2		48	Elec							
†Evansville Public Service Co	Light and power	85	9			54, 60	Steam.		10			Ins	A, D	
†Evansville Pure Milk Co	Milk	40	3			53, 60	E. & S	2				Ins	H.	
†Evansville Sand & Gravel Co	Sand and gravel	10				60	Steam.							
†Evansville Sash & Door Co	Sash, doors etc	11	3			50, 60								
†Evansville Stove Works	Stoves	40				60	Steam.	1				Ins	H.	

Evansville Suburban & Newburg Ry. Co	Railway, steam and electric						Steam			2		Ins			
†Evansville Tool Works	Tools	123	2	1	2	54, 60	Steam	3				Ins	H		
†Evansville Trunk Co	Trunks	25	5	9	1	59	Steam	1				Ins			
†Evansville Veneer Co., The	Veneers	41	2	5		60	Steam	1				Ins			
†Fellwock Auto & Mfg. Co	Automobiles	22		2		60	E. & S	1				Ins	H		
†Fendrick, H	Cigars	80	1,054		259	58	E. & S	2				Ins			
†First Avenue Brick & Tile Co	Brick and tile	45				54	Steam								
†Fisher & Heidt Ice Co	Artificial ice	15		1		66, 72	Steam	3				Ins			
†Flickner, J. O. & Sons	Hardware, etc	25				54	Gas								
*Fowler, Dick & Walker	Dry goods	40	45			57									
†French, Wm. E Co., The	House furnishing	12	3			54									
†Fulton Ave. Mercantile Co., The	Dry goods	1	7	2	2	57, 63									
†Fulton Market	Grocery and meats	4	1												
†Funke, Ferdinand Sons	Wrapping paper	18				66	Steam	2				Ins	H		
Furniture Mfg. Building Co	Office buildings						Steam	2				Ins			
†Gallivan Amusement Co	Summer theatre	30	3	1		21, 70									
†Gans, I. Co	Dry goods	27	2	1		44	Steam	1				Ins	H		
†Geiger, Fred & Sons, Inc	Transfer	10				54	S. Htg	1				Ins			
†Gessler Shoe Co., The	Shoes	12	2			57									
†Gibson & Moore Coal Co	Mining	92	1			48	Steam	2				Eng			
*Globe-Bosse-World Furniture Co	Furniture	513	4	33		50, 55	Steam	6				Ins	H		
†Globe Paper Co	Corrugated paper boxes	12	18		18	60									
†Goeke Edward F. Co	Hay, grain, feed	6	1			54, 60	Elec								
†Graham Glass Co	Bottles	151	7		2	48, 54									
†Grill Bros. Co., The	Cigars	36	9		3	52, 47									
†Grocers Chemical Works	Baking powder, etc	6	2			44, 54	Steam	1				Ins	H		
*Gross, Mark N	Merchant tailor	8				48									
†Grote, F. Mfg. Co. The	Elevators, heaters etc	60				54	Steam								
†Gunter, W. F. & C. D	Liquors and wines	5	2			48, 54									
*Haas, Rudolph	Ladies' garments	3	7			57									
†Haase, Conrad	Mattresses	3	2			48, 60	Elec								
†Harding & Miller Music Co	Musical instruments	28	5			54									
†Hartig-Becker Plow Co	Plows	14				54	Steam	1				Ins	H		
†Hartman Chas	Bakery	4	1			60	Elec								
*Hayward, C. W. Co., The	Concrete construction	10				60									
†Healey, P	Brass goods	18													
†Heilman Machine Works, The	Steam engines, etc	34	1			45, 48	Steam	1				Ins			
*Heimans	Cloaks and suits	1	7			58, 64									
*Heiman & Heimans	Livery	7													
†Helfrich Lumber & Mfg. Co	Saw mill	70				60	Steam								
†Helfrich Pottery Co	Pottery	85				60	Elec								
†Henn & Speck Co	Candies	7				48	Elec								
†Herbert-Journal Ptg. Co	Printing	14	2	1		48									
†Hercules Buggy Co	Vehicles	887	90	3		54, 60	Steam		4			Ins			
*Herman, Geo W	Cigars	5	1			48									
†Herman, H.	Candies, ice cream	3	3			58									
†Heseman & Schnake	Grocery	5				65									
†Heyns Furniture Co	Furniture	13	2			60	Elec								
*Hinkle Shoe Co	Shoes	11	2			48									
†Holbrook Co., The	Household specialties	5													

EVANSVILLE, VANDERBURGH COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
*Holt & Brandon Ice & Cold Storage Co	Ice and cold storage	40				60	Steam	3				Ins	H	
†Holtz, F. Co., The	Foundry, machine shop	24		2		54	Steam	1				Eng		
†Hoosier Storage Battery Co	Electric batteries	9	1			55	Elec							
†Household Outfitting Co	Department store	8	2			45, 63								
†Hub, The	Men's furnishing	5	1			57								
†Hughes, William Inc	Department store	20	47	1	7	54, 57								
†Hutchinson Printing Co	Printing	4	1			48								
†Ichenhauser Co., The	Glassware, queensware, toys	28	3			48, 60								
†Iglehart Bros	Flour	51	25			60	Steam	2		1		Ins		
†Illinois Central Ry	Railroad	904	1			60								
Imperial Desk Co	Desks						Steam	2				Ins	H	
†Imperial Hotel	Hotel	6	2			70								
†Independent 5 and 10 Cent Store	Five and ten cent store	8	62		32	55½, 57								
†Independent Sand & Gravel Co	Sand and gravel	7				60	Elec							
†Indiana Canning Co	Cannery	15	50	6	15	54, 60	Steam	1				Ins		
†Indiana Collar Co	Horse collars	9				59	Elec							
†Indiana Cooperage Co	Cooperage	21		1		54, 60	Elec							
†Indiana Furniture Co	Furniture	50				57	Steam	1				Ins	H	
†Indiana Stove Works	Stoves and ranges	120				55½	Steam	1				Ins	H	
†Indiana Tie Co	Railroad ties	50				48	Steam	2				Ins	H	
†Intermediate Accident Assurance Co	Insurance	4	1			48								
†Intermediate Life Assurance Co	Insurance	6	4			48, 50								
†International Steel & Iron Const. Co	Iron	41	4			48, 60	Steam			2		Ins	H	
†Johnson, E. C	Paints	8	1			46, 52								
*Jourdan-Loesch Furniture Co	Retail furniture	8	1			57								
†Kahn's, S. Sons, Inc	Wholesale groceries	9												
†Karges Furniture Co	Furniture	105	2	5		42, 57	Steam	2				Ins	H	
†Karges Wagon Co	Wagons	30				59	Steam	1				Ins	H	
†Keller Crescent Ptg. & Eng. Co	Printing and engraving	40	30		3	48	Elec							
†Kelsay, Newton	Hames	94	6			54	Steam	1				Ins	H	
*Kennedy & McDonald	Cigars	7	1			48								
†Kessler, C. A. Co	Five and ten cent store	1	6	1		54								
†Keystone Concrete Co	Concrete building block	7	1			54	Elec							
†Klamer-Goetle Furniture Co	Furniture	60		2		60	Steam	2				Ins	H	

†Kleiderer Bros	Cleaning and dyeing	3	5			54	Elec							
†Koenemann-Riehl Co	Printing	8	2			48	Elec							
*Kohinoor Laundry Co	Laundry	12	25			56	Steam	1				Ins	H	
†Kollker Electric Co	Electrical engineers	8				48								
Korff, Henry							Steam	2				Ins		
†Krauss Laundry Co	Laundry	8	17		10	54, 60	Steam	1				Ins		
†Kroeger, Henry A	Shirts	10				53	Elec							
†Kruckemeyer & Cohn	Jewelry	6	6			57	Elec							
Kuhn, Paul & Co	Grain elevator						Steam	2				Ins	H	
†Lahr, Bacon Co., The	Dry goods	10	40			54, 57	Elec							
†Laib Co	Mill and mine supplies	7	1			54, 72	Elec							
†Lennert Mfg. Co	Carriage and wagons	10				60								
†Legeman Printing Co., The	Printing	9	4			48	Elec							
†Leisch, Chas. & Co	Wholesale drugs	40	7			51, 57	Steam	2				Ins	H	
†Lensing, H. A	Builders supplies	10				60								
†Levi's Department Store	General merchandise	7	5			67								
Lincoln Cotton Mills Co	Cotton mills						Steam		3			Ins		
†Lindenschmidt Company, The	Architectural iron work	21				54	Elec							
†Lockyears Business College	Business college	3	3			36, 42	Heating				1	Ins	H	
†Lottie Hotel Co	Hotel	12	13											
†Louisville & Nashville Ry. Co	Railroad	885	5			54, 77								
†Luigs Butter Co	Wholesale produce	6	1			45, 60								
Lukens, H. M. & Co							Heating				2	Ins	H	
Lukens, Batlin & Co							Heating				2	Ins	H	
†Mackey, Nesbit Co	Dry goods	57	5			49, 52	Steam	2				Ins	H	
†Magnet Laundry	Laundry	7	28			60	Steam	1				Ins	A, H	Good.
†Majestic Theatre	Theatrical	20	2											
†Maley & Wertz	Saw mill	143				60	Steam	3				Ins	H	
Maley, Wertz & Grimwood							Steam		2			Ins	H	
†McConnell's Restaurant	Restaurant	2	8			70								
†McFerson & Foster Co	Box shooks	59	1			49, 57	Steam	2				Ins	H	
†Mechanics Planing Mill Co	Planing mill	23				48, 54	Steam	1				Ins		
Menson, Wm	Saw mill						Steam	1				Eng		
†Mercantile Trust & Savings Bank	Banking	11	2			44								
†Merchants Grocer Co	Wholesale groceries	6	1			44, 55								
†Mesker, Geo. L. Co	Store fronts	77	3			54, 60	E & S							
†Metal Furniture Co., The	Metal beds	45	1			45, 46	E & S	1				Ins	H	
†Midland Furniture Co	Furniture	21	2			54, 56	Elec							
†Miller, Edward, Jr	General store	1	5			54								
Miller, Eli D. & Co	Folding beds	51	1			60	Steam	1				Ins	A	Good.
†Miller, Fred	Bakery and confectionery	38	8			60, 54	Elec							
*Moskowitz, S. Co	Wholesale produce	5	1			60								
†Mulin & Killian	Barber	4	1											
†Nass-Sanderson Co	Wholesale produce	17	1			60								
†National Pottery Co	Sanitary pottery	100				60	Steam							
†Neitert Produce Co	Wholesale fruits and vegetables	19	5			50, 60	Elec							
†Neumann, John G	Fruits and produce	6	2			60								
†Never Split Seat Co	Closet seats	44				60	S & E			1		Ins	H	
†New Grand Theatre	Theatrical	14	1			40								
*New Richmond Hotel	Hotel	4	5			70								

EVANSVILLE, VANDERBURGH COUNTY Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes. Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.	Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers. Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.	Orders Issued and Complied With.	General Sanitary Condition.
†New Vendome Hotel Co	Hotel	62	39			70	Steam	2				Ins	H	
†Newmann, H. G. Plumbing Co	Plumbing	15				48								
†Ohio Valley Roofing Co	Roofing, etc	16	1	3		48							D	Good
†Ohio Valley Seed Co	Seeds and feed	6	3			60								
†Ohio Valley Stone Co	Building stone	6				47								
†Old State National Bank	Banking	19	2			48	Steam	1				Ins	H	
†Orpheum Theatre	Theatrical	12	4			49								
†Orr Iron Co	Iron	15				50								
†Palm Garden Cafe	Saloon	6	2			60								
†Parsons & Scoville Co	Wholesale grocers	28	4			50, 54							E	Good
†Paul & Ortemeyer Co	Stoves, furnaces	7	1			48								
†Pearl Steam Laundry	Laundry	22	56	1	7	57	Steam						A E	Good
†Peerless Laundry	Laundry	10	25		5	54	Steam	1				Ins	H	
†Peerless Selling Co	Water closet combination	8	8			50, 54								
†Peerless Tank & Seat Works	Seats and tanks	125				60	Steam	1				Eng		
†Pennington, R. H. & Co	Produce	30	5			48, 66								
*Phoenix Flour Mill Co	Flour and feed	15				60	Steam	2				Ins		
†Pocket Shoe Co	Shoes	5	1			52, 62								
†Progress Clothing Co	Clothing	16	4			57								
†Public Utilities Co	Light and power	220	5			54, 60	Steam		6			Ins	H	
†Puder, Fred	Sheet metal	8				48								
†Quick Transfer Co	Transfer	5				60								
†R. & G. Furniture Co	House furnishings	11	3			60								
†Ragon Bros	Wholesale grocers	51	3			60								
†Rechtin, Theodore E	Building material	50				54	Elec							
†Reddinger, Peter H	Carving works	24				57	Steam	1				Ins		
†Reitz, Clemens Sons Co	Lumber	65				60	Steam	2				Ins		
†Reitz, John A. & Sons	Lumber	90				60	Steam	3				Ins	H	
†Reitz, Spiegel Furniture Co	House furnishing	12	2			60								
†Rosenberger, Klein & Co	General store	17		7	6	54								
†Rosenthal-Kuebler Ptg. Co	Printing	8	2		1	48	Elec							
Rust & Korb							Steam	2				Ins	H	
†Ruston Hotel	Hotel	5	5											
†St. Bernard Mining Co	Coal mining	4	1			60								

†St. George Hotel	Hotel	35	35			56	Elec	2				Ins		
St. Mary's Hospital	Hospital						Steam	2				Ins	H	
†Salm Bros	Millinery, cloaks, etc	3	18			57								
†Saunders Transfer Co	Transfer	22												
†Scarborough-Davies Co	General contractors	19	1			48								
†Schelosky Table Co	Tables	54	9			55	Steam	2				Ins	H	
†Scherffius, Wm	Department store	7	16	2	5	58								
†Schlaeffer, H. J	Drugs	6		4										
†Schmadel Packing Co	Packing and ice	25	1			60	Steam	2				Ins		
†Schminke, H. Co	Merchandise	7		1		48								
*Schmitt, Aug. & Sons Co	Plumbing, etc	32	1			54, 48	Elec							
*Schnute-Holtmann Co	Lumber and planing mill	33				54	Steam	1				Ins		
†Schroeder Headlight Co	Oil and electric headlights	117	3	15		55	Steam	2				Ins		
†Schuler Implement Co	Implements	6				66								
†Schultze, Waltman & Co	Planing mill	43		6		54	E. & S	2				Ins	H	
†Shopbell, Clifford & Co	Architects	8	1			48	Elec							
†Single Center Buggy Co	Vehicles	8				59	Elec							
†Small, W. H. & Co	Seed and grain	21	2			52, 60	E. & S	1				Ins	H	
Smith, Edward R							Steam	1				Ins	H	
†Smith, R. Co	Undertaker	5				72								
†Smith & Butterfield Co	Books, etc	7	5		1	60	Elec							
†Smith, E. Q. Chair Co	Chairs	46		2		54, 60								
†Smith, John C., Hoe & Tool Co	Hoes	5				48	Steam	1				Ins		
†Southern Express Co	Express	68	1											
Southern Indiana Hospital for Insane	Hospital						Steam		3			Ins	H	
†Southern Stove Works	Stoves and ranges	99	1				Steam	1				Ins	H	
†Southern Sweat Pad Co	Sweat pads	2	7		1	60								
†Southwestern Broom Mfg. Co	Brooms	86	50	12	5	55	E. & S	2				Ins	H	
†Specialty Furniture Co	Furniture	99	1			54	Steam	1	1			Ins		
Speck-Mann Chocolate Co	Confectionery						Steam	1				Ins	H	
†Speed Printing & Publishing Co	Printing	14	5			48								
†Standard Brick Mfg. Co	Bricks	47		1		60	E. & S	3				Ins	H	
Standard Oil Co	Oil						Steam	1				Ins		
†Sterling Hotel	Hotel	3	3			70								
†Stern, Stock & Co	Candies	10	2		1	44, 55	Steam			1		Ins		
†Stimson Bros	General merchandise	3	5		2	54								
†Stoltz-Schmidt Furniture Co	Manufacturing furniture	53		3		60	Steam	1					H	
†Sunnyside Coal & Coke Co	Mining coal	85				48	Steam	2						
†Sunnyside Flour Mills	Flour mill	10				60	Steam	1						
†Swanson, A. L. & Co	Electrical contractors	22	1			48	Elec							
†Tennessee Distilling Co	Liquors	4	4			60								
†Torian & Barbour Hat Co	Wholesale hats and caps	14	1			50, 54								
†Trockman, J. & Sons	Junk dealers	12				60								
Uhl, George M	Brick and tile						Steam	1				Ins	H	
†United States Furniture Co	Manufacturing furniture	60	6	3		58	Steam	1				Ins		
†Vickery Bros	Grocery	13	2			60								
†Von Behren Mfg. Co	Vehicle wood stock	40				60	Steam	3				Ins		
†Vulcan Plow Co	Manufacturing plows	149	1			40, 54	Elec							
†Walkover Boot Shop	Boots and shoes	4	1			58								
Walsh Baking Co	Bakery										1			

EVANSVILLE, VANDERBURGH COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
‡†Warrick County Coal Co	Mining coal	43	2			48	Steam	2				S. D		
†Wells-Vigo Theatre	Theatre	24	2					1						
†West Side Bank	Banking	10		1		50, 55								
†White Swan Laundry	Laundry	25	76		24	55, 60	Steam	1				Ins		
Willard Library							Steam	1				Ins	H	
†Wittekindt, A. A. & Son	Cooperage	20				48	Steam	1				Eng		
†Wolflin, Luhring Lumber Co	Lumber	20	3			48, 60	Elec							
Wooley, J. Coal Co	Mining coal						Steam	4				Ins	H	
‡Worsham-Newburgh Coal Co	Mining coal	16					Steam	2				Ins		
†Young & Cutsinger	Saw mill	33	2			60	Steam	2				Ins		

EWING, JACKSON COUNTY. (Population, Census, 750.)

Ba.l, Wm. C	Planing mill						Steam	1				Ins		
Bolles, Ross, C. A	Planing mill						Steam	1				Eng	H	
Kiefer Paper Co	Paper						Steam	2				Ins	H	

FAIRLAND, SHELBY COUNTY. (Population, Census, 600.)

†Fairland Grain Co	Grain elevator	5				60	Steam	1						
Libby, McNeill & Libby	Canning factory						Steam	2				Ins	H	
Williams, H. E	Grain elevator						Steam	1				Ins	H	

FAIRFIELD, HOWARD COUNTY. (Population,——.)

‡Seward & Rakestraw	Feed mill	2					Steam	1				S. D		

FAIRMOUNT, GRANT COUNTY. (Population, 2,508.)

†Bee Hive Cash Store	General merchandise	3	3			60								
‡†Bell Bottle Co	Manufacturing bottles	313	1	6		51	Steam	2				S. D		
Fairmount Grain Co	Grain elevator	2					Steam	1				S. D		
†Fairmount Tile Works	Manufacturing tile	20				60	Steam	2						
Fairmount Water Works	Water supply						Steam	2				Ins., S.D		
Lillard, L. C							Steam	2				Ins		
Snider, T. A., Preserve Co	Canning preserves						Steam	2	1			S.D., Ins	H	
*Ulrey, A. A. & Co	Flour mill and grain	4	1			60	Steam	1				S. D	H	

FARMERSBURG, SULLIVAN COUNTY. (Population, 1,115.)

†Burton, J. F	General merchandise	3	2			60								
Farmersburg Tile & Brick Works	Manufacturing tile and brick	10				60	Steam	1				S. D		
†Haag & Branham	Mining coal	6				48	Steam	1				S. D	H	
Lash, Fred B	Flour mill						Steam	1				S. D		
†Majestic Theatre	Picture show	1	1			12								

FARMLAND, RANDOLPH COUNTY. (Population, 907.)

Oswalt, Wilson	Flour mill						Steam	1				S. D		
Parker, Clint	Crushing stone						Steam	1				Ins	H	
*Weiler Bros. & Lumpkin	General merchandise	3	3			60								

FARNSWORTH, SULLIVAN COUNTY. (Population, 30.)

†Spangler, Frank	Coal mine	7				48								

FERDINAND DUBOIS COUNTY. (Population, 827.)

Beckman, J. H. & Sauer	Planing mill and lighting						Steam			1		Ins		
Bolte, Ben & Son	Planing mill						Steam	1				Eng		
Ferdinand Foundry & Machine Works	Foundry and machine works						Steam			1		B. M		

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
FERN GROVE, CLARK COUNTY. (Population ——.)														
Louisville & Jeffersonville Ferry Co							Steam	1		1		Ins		
FINNEY, WARREN COUNTY. (Population,——.)														
Davis Grain Co	Grain elevator						Steam	1				Ins	H	
FLAT ROCK, SHELBY COUNTY. (Population, 350.)														
†National Merchants Association	Canning factory	10	10				Steam			1				
FLORA, CARROLL COUNTY. (Population, 1,386.)														
Aspaugh & Flora							Steam	1				Ins	H	
Catron Bros	Farm seed						Steam	1				Ins		
†Flora Cigar Co	Manufacturing cigars	18	12			56								
Flora Ice Co	Manufacturing ice						Steam	1				S. D	H	
†Flora Saw Mill Co	Saw mill	20				60	Steam	1				Ins	H	
Miller & Walker	Grain elevator						Steam	1				Ins		
Spitler & Son	Slaughtering						Steam	1				S. D		
FLOYDS KNOBS, FLOYD COUNTY. (Population, 255.)														
American Stone Co							Steam	1				Ins		

FONTANET. VIGO COUNTY. (Population, 570.)

Western Indiana Mining Co	Mining coal						Steam	5				Ins	H	

FORREST, CLINTON COUNTY. (Population, 350.)

Betts A. E							Steam	1				Eng		

FORT BRANCH, GIBSON COUNTY. (Population, 1,182.)

†Ft. Branch Coal Mining Co	Mining coal	75				48	Steam	2				Ins		
Ft. Branch Electric Light & Power Co	Light and power						Steam	1		2		Ins		
†Ft. Branch Milling Co	Flour mill	5				72	Steam	1				Ins	H	

FORTVILLE, HANCOCK COUNTY. (Population, 1,174.)

†Adams, H. S	Saw mill	20				60	Steam	2				Ins	H	
Fortville Canning Co	Cannery						Steam	1				Ins		
Grasselli Chemical Co	Manufacturing chemicals						Steam	4				Ins	H	

FORT WAYNE, ALLEN COUNTY. (Population, 63,933.)

†Abendpost Printing & Pub. Co	Newspaper	7				64								
Alerding, Rev. H. J	Church						Steam	2				Ins		
†Alerding, Ittenbach Co	Trunks and leather goods	3	2			57								
†Allen County Abstract Co	Abstracts	3	2			48								
Allen County Infirmary							Steam	2				Ins., S.D		
Allen County Power House	Light and heat						Steam		3			Ins., S.D		
Allen County Orphans Home							Steam	2				Ins., S.D		
†Altschul Co	Wholesale fruit and produce	5	1			70								
†American Dry Cleaning Co	Cleaning and pressing	5	4			60								
American Fork & Hoe Co							Steam	1				Ins		
†American Road Machinery Co	Manufacturing road machinery	59	1			55	Steam	1				Ins., S.D		
†American Steel Dredge Co	Mfg. dredges and steam shovels	35				55	S. & E							
Anthony Hotel	Hotel						Steam		2			Ins., S.D		
†App's, Mathias Sons	Retail shoes	4		1		52								
†Arnold, P. B. Co	Plumbing & Heating	8				50								
†Arter, E	Teaming, etc	8				55								
†Ash, H. J., Furnace Co	Furnaces	9	1			48								

FORT WAYNE, ALLEN COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F.R.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Aumann, Louis F.	Manufacturing cigars	10	3			45								Good.
†Aurentz, A. C.	Confectioner	1	8			54								
†Auspach, J. P. & Son	Manufacturing drain tile	19				60	Steam	2						
†Aveline Barber Shop	Barber shop	6				64								
†Baker, B. H.	Repairing vehicles	5				59								
†Baker Cigar Co., The	Manufacturing cigars	12	3			45								
†Baltes Hotel	Hotel	13	5			60	Steam				2	Ins., S.D.	H	
†Baltes Stone Co.	Crushing stone	28				60								
†Banner Laundering Co.	Laundry	18	47			54	Steam	2				Ins., S.D.	H	
†Bash, S. & Co.	Seeds, hides, wool, grain	6				60								
†Bash Fertilizer & Chemical Co.	Manufacturing fertilizer	28	2			60								
†Bass Foundry & Machine Co.	Manufacturing castings, etc	1,200				60	Steam	12	2			S. D., Ins.	H	
†Baum, S. & Co.	Wholesale fruits and produce	7	1			72								
†Bayer, Coony Cigar Co.	Manufacturing cigars	55	20			48	Elec.						B, C	Good.
†Beadell & Co.	Department store	19	21			54								
B. P. O. Elks, 158	Lodge						Steam			2		Ins.	H	
†Becker Paper Co.	Wholesale paper	5	2			55								
†Berghoff Brewing Assn.	Brewery	173	2			48	Steam	3	4			Ins., S.D.	H	
†Boss Mfg. Co.	Manufacturing gloves	61	595			55								
†Boston Restaurant	Restaurant	2	7			72								
†Bougher, Frank E.	Saloon and billiards	6				72								
Bowser, S. T.	Pumps and tanks						Steam		3			Ins., S.D.	H	
†Brown Trucking Co.	Trucking and storage	47				60								
†Bruder, August Co.	Jewelry	9	2			50								
†Bryson, C. B.	Barber shop	5				72								
†Bursley, G. E. & Co.	Wholesale grocery	33	10			55								
†Calhoun Hotel	Hotel	1	1			84								
†Centlivre, C. L., Brewing Co.	Brewery	75				54	Steam	3				Ins., S.D.	H	
†Centlivre Hotel	Hotel	15	6			56	Steam	2						
†Central Foundry Co.	Foundry	34				59								
†Central Grocery	Retail grocery	14	3			63								
*Chaska, S. Co., The	Wholesale notions	7	2			50								
†Citizens Trust Co.	Trust company	5	1			46								
†City Carriage Works	Manufacturing vehicles	15				60								

City Schools							Steam	7			1	Ins	H	
City Water Works	Light and water						Steam	4	7			Ins., S.D.	C, H	Good.
*Clark Fruit Co	Wholesale fruits	9												
†Cleary & Bailey	Job printing	7	3			48								
Cemens Hotel, The	Hotel						Steam				3	Ins	H	
†Colonial Theatre Co	Theatre	7	2			50								
*Columbia Candy Kitchen	Confectionery	4	4			58								
Concordia College	College						Steam	3				Ins	H	
†Consumers Ice Co	Manufacturing ice	25					Steam	2				S.D., Ins		
†Cope Printing Co	Job printing and binding	5	2			48								
†Coppock, S. P. & Sons Lumber Co	Wholesale and retail hardwood lumber	23				55								
†Coverdale & Archer Co	Retail grocery	11	1			64								
†Craig Biscuit Co., The	Bakery	45	40			54	Steam	1				S.D., Ins		
Crane, Ed. L. & Sarah B							Steam				1	Ins	H	
†Crystal Laundry	Laundry	9	14			54	Elec	1				S. D		
†Crystal Theatre	Motion pictures	3	3			70								
†Dehm, G. A	Wholesale and retail millinery	2	23										E	Good.
†Deister Concentrator Co	Manufacturing concentrating tables	22	1			55	Elec							
†De Wald, Geo. Co., The	Wholesale dry goods	22				50								
*Doehrmann, Wm	Grocery	6	1			64								
†Downing, Myron Bakery, The	Bakery	21	2			62								
†Dreibelbiss Abstract of Title Co	Abstracting titles	3	2		1	48								
†Dreier Drug Co	Retail drugs	6		4		70								
†Dukes Clothing Co	Clothing and furnishings	8	1			57								
†Eagle Laundry Co	Laundry	8	13		1	55	Steam	1				S. D	A, C, H, K	Good.
†Eckert, D. S	Manufacturing cigars	7				48								
Eckert, Fred Packing Co							Steam	3				Ins., S.D		
Economy Glove Co	Manufacturing gloves and mittens	3	41	10	10	50	Elec							
†Edmunds Electric Construction Co	Electrical contractors	13	1			50								
†Empire Box Co	Manufacturing cigar boxes	5	3		4	55	Elec							
†Emporium, The	Department store	10				60								
†Empress Theatre	Theatrical	15	2	5	3									
†Emrich Baking Co	Baking	1	13	4		60	Elec						A,B,C,F,G	Fair.
†Engineering Co., The	Structural iron and machinery	35	1			55	Elec							
†Enterprise Restaurant	Restaurant	6	4			72								
†Fairy Theatre	Motion pictures	2	3											
†Field & Co	Junk	4	10			60								
†First National Bank	Banking	21	5	1		48								
†Fisher Bros. Paper Co	Wholesale paper	27	2			55								
†Fort Wayne Art Glass Co	Art glass	8	1			54	Elec							
Fort Wayne Artificial Ice & C. S. Co							Steam	2				Ins		
Fort Wayne Auto Mfg. Co	Manufacturing automobiles	10				60							A, D	Good.
†Fort Wayne Box Co	Manufaicturing paper boxes	58		51		55	Steam	1				Ins		
†Fort Wayne Brick Co	Manufacturing brick	43					Steam	1				Ins., S.D		
†‡Fort Wayne Builders Supply Co	Lumber and planing mill	35				60	Steam	1				S.D., Ins	A	Good.
†Fort Wayne Corrugated Paper Co	Corrugated paper	315	85			60	S. & E	2				S.D., Ins	H	
†Fort Wayne Creamery Co	Butter	7	2			60								
†Fort Wayne Dairy Co	Dairy and ice cream	14	2			56	S. & E	2				Ins	H	
†Fort Wayne Drug Co	Wholesale drugs	35	8			52								
Fort Wayne Electric Mfg. Co	Manufacturing electric machinery	1,170	287	19	5	60	Steam		8			Ins., S.D.	A	Good.

FORT WAYNE, ALLEN COUNTY—Continued.

Name or Firm or Establishment.	Goods Manufactured or business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Fort Wayne Engineering & Mfg, Co	Manufacturing pumps, etc	22		3		55							A	Good
†Fort Wayne Foundry & Machine Co	Machine and structural iron works	75				58								
†Fort Wayne Freie Presse Co	German newspaper	16				48								
*Fort Wayne Furnas Ice Cream Co	Manufacturing ice cream	20												
†Fort Wayne Hdw. & Sporting Goods Co	Hardware, etc	5				60								
†Fort Wayne Iron Store Co	Wholesale heavy hardware	16	4			50								
Fort Wayne Lodge of Perfection	Lodge						Steam.	1				Ins		
Fort Wayne Lumber Co							Steam.	1				S.D., Ins		
Fort Wayne Lutheran Hospital							Steam.	2				Ins., S.D		
†Fort Wayne Lyric Theatre Co	Motion pictures	5	2											
†Fort Wayne & Northern Ind. Traction Co	Transportation and power	947	9			66	Steam.	1	10			Ins	H	
†Fort Wayne Oil Supply Co	Mill and plumbing supplies	27	4			54								
†Fort Wayne Optical Co	Manufacturing optician	5	1			49								
†Fort Wayne Outfitters Co	Retail furniture	13	1			60								
†Fort Wayne Printing Co	Printing and offices supplies	84	45			48								
†Fort Wayne Rolling Mill Co	Manufacturing iron bars	500	2			54	Steam.		10	1		Ins., S.D	H	
†Fort Wayne Saddlery Co	Saddlery, hardware, etc	29	2			55	Elec						E	
†Fort Wayne Sentinel	Daily and weekly newspapers	40	4	1		48	Elec							
†Fort Wayne Special Furniture Works	Manufacturing furniture	5				55								
†Fort Wayne Steam Laundry Co	Laundery	5	9			60								
Fort Wayne Tile Co	Drain tile	7					Steam.	1				S. D		
†Fort Wayne Transfer Co	Transfer and taxicabs	20				60								
†Fort Wayne Vulcanizing Works	Auto accessories, etc	3	4		1	60								
†Fort Wayne Waste Paper Co	Packers of waste paper	6	6			60								
†Foster, D. N. Furniture Co	Furniture, carpets, etc	20	4			60								
†Foster, Samuel M. Co	Manufacturing ladies' waists	12	180			54	Elec							
†Fox Bros. & Co	Furniture, carpets, etc	23	11			54								
†Frank Dry Goods Co	Dry goods	16	22	3		54								
*Franke, Henry	Lumber and planing mill	18				59	Steam.	1				Ins., S.D		
†Freiburger, S. & Bro	Wholesale leather	4	2			55								
*Gaiety Theatre	Motion pictures	3	1	1		50								
†Gauntt, F. G. Mfg. Co	Manufacturing concrete mixers, etc	19	1			55	Elec							
†Geake, Wm	Cut stone contractor	20				59								
†Geller, W. F	Bakery	5	4		3	48	Elec						E	Fair

†Gem Theatre	Motion pictures	3	2			42								
†General Electric Co., Lamp Works	Manufacturing incandescent lamps	149	509	1	41	55	Elec.		8			Ins., S.D.	H	
George, Monroe							Steam.	2				Ins.		
†Gerding & Aumann Bros.	Hardware, slate and tin roofing	16				54								
†German American National Bank	Banking	10	2			48								
*Gilmartin, E. & Sons	Lumber	23			1		59							
†Globe Mills	Flour and spice mill	10				60	Steam.	1				S.D., Ins.	H	
†Grace Construction & Supply Co.	Street paving	200												
†Grand Rapids & Indiana Ry. Co.	Railroading	533	2			60								
†Grand Theatre	Motion pictures	3	2	2										
†Greek Candy Kitchen	Candy and ice cream	4	1			48								
†Green, Dallas F.	Jewelry and mfg. eyeglass reels	5	4			57								
†Griffin, W. M. Co., The	Medicines, spices, etc.	2	4			54								
†Griffin & Stults	Circulars	2	3			50								
†Gruber, Frank, Boiler Works	Manufacturing sheet iron ware	14				55								
†Haffner's Star Bakery	Wholesale and retail bakery	20	2	1		66								
†Hahn, Wm. & Co.	Dry goods	10	10	4		64	Steam.				1	Ins.	H	
†Hamilton National Bank	Banking	19				48								
†Hanna-Brackenridge Co.	Woodworking machinery	54	4			55	E. & S.	1				S. D.		
†Hartzell & Shookman	Tile, brick and building blocks	8				60								
†Hattersly, A. & Sons	Plumbing, Steam heating, etc.	29	1			50								
†Hayes Hotel	Hotel	1	2			84								
†Hazzard, Al	Manufacturing cigars	25	6			40								
†Heiny's Grocery and Meat Market	Retail grocery and meats	8	2			60								
†Heit Candy Co.	Candy	7	3			50								
†Heit, Miller, Lau Co.	Manufacturing confectionery	32	28		1	54	Steam.	2				Ins., S.D.		
†Hilker Bros.	Lumber	16				60	Steam.	1				S. D.		
*Hippodrome Theatre	Motion pictures	2	2	2		56								
†Hof Brau	Cafe and buffet	18	2			56								
†Hoffman Bros. Co.	Lumber and veneer manufacturing	49	1				Steam.	3				S.D., Ins.	H	
†Home Billiard Hall	Billiard hall and bar	6												
†Home Telephone & Telegraph Co.	Telephone	47	114		12									
Hope Hospital	Hospital						Steam.	2				Ins.	H	
†Horstman Bros.	Hacks and livery	5												
Horstman, Rev. Geo. H.	St. Andrews Church						Steam.				2	Ins.		
*Horton Mfg. Co.	Manufacturing washing machines	52	1	1			Steam.	1				S.D.,B.M.		
†Hotel American	Hotel	1	1											
†Hotel Edwin	Hotel	7	2											
*Hotel Rich	Hotel	4	4			84								
†Independent Rubber Co.	Wholesale boots and shoes	3	3			54								
†Indiana Fuel & Light Co.	Manufacturing artificial gas	10	3			70								
†Indiana Furniture Co.	Retail furniture	15				60								
Indiana Lighting Co.							Steam.		3			S.D., Ins.		
†Indiana Printing Co.	Printing	29	12	1	1	48	S. & E.	2				Ins., S.D.	H	
†Indiana Quick Lunch	Restaurant	3	4			72								
†Indiana Road Machine Co.	Manufacturing road building machinery	64	4			55	Steam.	1				Ins.	H	
Indiana School Feeble-Minded Youth							Steam.	8				S. D.		
†Jefferson House, The	Hotel													
†Jefferson Theatre	Motion pictures	6	1			56								
†Journal-Gazette Co.	Newspaper	66	4			48								

FORT WAYNE, ALLEN COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
*Kane, Jas. M. & Son	Notions	3	5			63								
†Karn Bros	Meat market	12	1			63								
†Keil & Keil	Wall paper, etc	10				60								
†Keller & Sons	Cut stone contractors	22				60								
†Kerr, Murray Mfg. Co	Mfg. gas works machinery	147	4	2		55	Steam		2			S.D., Ins	H	
†Kidd, J. W. Co., The	Mail order medical	32	181			51								
†Klett, Jacob & Sons	Retail lumber, etc	16				55	Steam	1				Ins., S.D		
*Krudopp, Geo. H	Coal, lumber, etc	9				60	Elec							
†Kunkle, E. B. & Co	Manufacturing safety valves	18				55	Steam	1				B. M		
†Labor Times-Herald	Publishing and printing	6	1			48								
†Lake Shore Hotel	Hotel													
†Lautermier, A. J	Florist	5	2			54, 45								
Lawrence & Hartshorn	Packing house						Steam	2				S. D		
†Lehman, Ben	Retail men's clothing	11	3			56, 50								
†Lehman Shoe Co	Retail shoes	4	1			60, 54								
Lincoln National Life Ins. Co							Steam	2				Ins		
†Main Lunch Room	Restaurant	4	1			72								
Majestic Theatre	Theatrical	48	2											
†Malloy, Mrs. Frances	Retail millinery	1	11			58								
†Maryland Lunch Room	Restaurant	4	6											
Masonic Temple Assn							Steam	1				Ins		
Maumee Brick & Tile Co							Steam	2				S. D		
Maumee Dairy Co							Steam	1				S. D		
†Mayflower Mills	Manufacturing flour and feed	14	3				Steam	2				Ins., S.D	A, E	Good.
†Meier, Wiese Co	Structural iron work	30				59								
†Menefee Foundry Co., The	Manufacturing brass and iron castings	50				60								
†Meyer Brothers Co	Wholesale and retail drugs	26	4	4		69, 60								
†Mollering Bros. & Millard	Wholesale grocer	20				55							E	Good.
*Moran, Peter A. Ice Co	Ice	9				77	Steam		3			Ins., S.D	H	
†Mossman, Yarnelle & Co	Iron and steel wagon material	48	6			56, 46	Elec						E	Good.
†Motherwell & Schmiedes	Manufacturing cigars	28	4			48, 52								
†Myers Dry Goods Co	Dry goods	4	10			54								
†National Handle Co	Manufacturing hoe and rake handles	62				55	Steam	1				Ins., S.D		
†National Market Co	Retail meat and provisions	4	1			65 54								

National Mill Supply Co., The	Mill and machinery supplies	11	3			52, 48								
*National Restaurant	Restaurant	2	6			60, 55								
†News Publishing Co	Newspaper	41	1	37		48, 36	Elec							
†New York Hair Bazaar	Hair goods, etc	1	8			54								
Noble Hoop Co	Manufacturing hoops	35					Steam	2				Ins., S.D.		
†Noble Machine Co	Cooperage	10				55								
Noll, Wm. H							Steam	1				Ins	H	
†Ohnhaus Automobile Co	Automobiles	4	1			60, 48								
†Olds Coal Co	Wholesale and retail coal	14	4			60, 50								
†Old National Bank, The	Banking	19	2	1										
*Ortman Cigar Co	Manufacturing cigars	6	2			45								
†Packard Co., The	Manufacturing pianos	246	4			55, 45	Steam	4				Ins., S.D.	H	
†Palace Theatre	Motion pictures	2	1			24								
†Pape Furniture Co., The	Furniture and rugs	7				65								
†Paragon Paper Mills	Manufacturing straw paper	50				66	Steam							
Parrott, Frank	Slaughter house						Steam	1				Ins	H	
†Patterson, Fletcher Co	Men's furnishings	20	2	2		58							E	Good
†Paul Mfg. Co., The	Kitchen cabinets	45		4		55	Steam	2				Ins., S.D.		
Pennsylvania R. R. Co	Shops and pump station						Steam	8	4	4		S.D.,B.M.		
†Peoples Trust & Savings Co	Banking	8	1			48								
†Perfect, A. H. & Co	Wholesale grocer	29	1	4		55, 50								
†Perfection Biscuit Co	Manufacturing biscuits	129	21	14	21	60, 54	S. & E		1			Ins., S.D.	H	
†Perrine, Armstrong Co	Saw mill	34	1			54	Steam	1				Ins., S.D.	H	
†Pfeiffer, H. & Son Co., The	Hardware	22	1	1		60, 54								
†Physicians Defense Co	Defense of physicians	6	9			48								
†Pickard House Furnishing Co	House furnishing	12	1			62, 53								
*Pidgeon, C. T. Millinery Co	Millinery	15	10			50, 44								
†Pinex Co., The		2	10			49								
†Pollack Waist Co., The	Manufacturing ladies' waists	9	100		16	50	Elec							
†Pony Cigar Co	Manufacturing cigars	6	1			44								
†Poor Hand Maids of Jesus Christ	Hospital						Steam	3				Ins	H	
†Protective Electrical Supply Co	Electrical supplies	16	2			60, 51	Elec							
Rabus, John	Tailor	11	7			54							B. C. E	
†Railroad Restaurant	Restaurant	4	6			84								
†Randall Hotel	Hotel	9	15	5		70								
†Rastetter, Louis Sons	Manufacturing bicycle wood rims	44	1	2		55, 48	Steam	2				S.D., Ins	H	
†Reed Shoe Co	Shoes	6	3			54								
Regis, Alfred							Steam	1				Ins., S.D.	H	
†Rhinesmith & Simonson	Lumber & Planing mill	45				58	Steam	2				Ins., S.D.	H	
*Roney, W. H	Engineer and contractor	25				60								
*Rosenthals Ready to Wear Store	Women's ready to wear garments	3	26	1		60, 57								
†Rothschild Bros	Paper, etc	6	2			60								
†Ruben's	Dry goods	4	8			58								
†Rub-No-More Co., The	Manufacturing soap and washing pwd	61	47		2	56	S. & E	4				Ins., S.D.	H	
†Rurode Dry Goods Co., The	Dry goods	45	75			54								
Saint Joseph's Hospital	Hospital						Steam	3				Ins., S.D.	H	
St. Patrick's Church	Church						Steam	1		1		Ins	H	
St. Peter's Square							Steam	2		1		Ins		
St. Paul's Evangelical Lutheran Church	Church						Steam	2				Ins	H	
St. Vincent's Orphan Home							Steam	2				Ins., S.D.	H	

FORT WAYNE, ALLEN COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Saul Marcus	Men's clothing	5	6			56								
*Schanz's, F. Studio	Photographer	3	2			51								
†Schlatter, C. C. & Co	Hardware	28		1		63								
†Schnitker & Son Co	Handles	9				60	Steam							
†Schwegman, John F	Plumbing	8				50								
Schwier, Wm. C							Steam				1	Ins		
†Sears, D. M. Co., The	Manufacturing food products	2	13			60	Steam	1				S.D., Ins.	H	
†Seelberg Store, The	Ladies' to wear apparel	3	21	1		56								
†Shelton Barber Shop	Barber	7				62								
†Shields Clothing Co., The	Clothing	6	1			55								
Shoaf, Susan R							Steam			1		Ins		
†Singmaster Printing Co	Job printing	5	2	1		48	Elec							
Sorg, Edward							Steam	1				B.M.,S.D.		
†Sperry Mfg. Co	Making handles	20				60	Steam							
†Star Theatre	Motion pictures	2	1			63								
*Staub, Alex. H	Stove and tin shop	7				54								
Stillman, John	Department store	12	40	1		54							B, K	
Suelzer, John, Jr							Steam				1	Ins	H	
Swift & Co							Steam			1		Ins		
†Tapp, Herman, Construction Co	Concrete and stone	35				59								
†Temple Theatre	Theatrical	18	2			45								
†Tomkinson, Albert	Plumbing, etc	7	1			48								
†Transfer Lunch Room	Restaurant	9	3			63								
†Trenkley & Koerber	Jewelry	6	1											
†Tresselt, C. & Sons	Flour and grain	10				60	Steam	1				Ins., S.D.	H	
†Troy Dry Cleaning Co	Dry Cleaning	4	2			60, 54	S. & E			1		S. D		
†Troy Laundry	Laundry	16	45			60, 54	Steam	2				S.D., Ins		
†Union Mfg. Co	Manufacturing gloves and mittens	3	22			50	Elec							
*Union Pacific Tea Co	Teas, coffee and spices	7	2			59								
†Vail Cooperage Co., The	Manufacturing hoops	20				60								
†Van Arnam Mfg. Co	Manufacturing plumbers' supplies	86	4			55	Steam		2			Ins., S.D.	A, H	Good.
†Vesey, W. J. & M. S	Florists	19	1			59	Steam							
†Wabash Railroad Co	Railroad	801	1			54	Steam	5				B.M.,S.D.	A, C	Good.
†Wabash Valley Utilities Co	Electric current	10				60								

†Wayne Auto Axle Co	Manufacturing auto axles	6				55	Elec							
*Wayne Hotel Co	Hotel	27	23			56	Steam	2				Ins	H	
†Wayne Knitting Mills	Manufacturing hosiery	703	1,173			55	Steam		4			Ins., S.D.	H	
†Wayne Oil Tank & Pump Co	Manufacturing tanks and pumps	120	10			55, 45								
*Wayne Overall Co	Manufacturing overalls	3	20		1	50	Elec						E	Good.
†Wayne Paper Goods Co	Paper bags	17	17		1	55	Elec							
†Wayne Spoke & Bending Co	Manufacturing spokes, etc	45				60	Steam	2				Ins., S.D.	H	
†Wayne Tobacco Co	Wholesale tobacco	20	1			55, 45								
†Weber Hotel	Hotel	7	3			65								
†Weil Bros. & Co	Hides and wool	7	2			60								
*Weinand Bros		7	3											
†Welch, John H. & Sons	Hardware and roofing	18	1			54, 48	Elec							
†Wellington Cafe	Restaurant	3	7			65								
Western Gas Construction Co		270					Steam	2	1			Ins., S. D.	H	
Wilkens Bros	Meats	5				60	Steam	1				Ins., S.D.	H	
†White Fruit House	General store	38	11	3	1	60, 56								
Wilkins Bros	Packing	10					Steam	1				S. D	H	
†Wolf, Paul E. Bedding Co	Manufacturing bedding supplies	8	4			60	Elec							
†Wolf & Dessauer	Dry goods	73	165	14	20	60	Elec							
†Womans Health Institute	Mail order medical		148			51	Elec							
†Woolworth, F. W. & Co	Five and 10 cent store	6	42			58							E	Good.
†Yergens & McFadden Co	Manufacturing agricultural handles	10				60	Steam	1				Ins., S.D.	H	
†Zollinger, L. C	Manufacturing wagons	10				60								

FOSTER, WARREN COUNTY. (Population, 50.)

Covington Grain Co	Elevator						Steam	1				Eng		

FOWLER, BENTON COUNTY. (Population, 1,491.)

†Evans & Callaway	Lumber and coal	7				60	Steam	1				Eng		
Flimm & Gaunt							Steam	1				Ins		
Hawkins, Wilbert	Grain elevator						Steam	2				Ins	H	
†Indiana Union Telephone & Telegraph Co	Telephone and telegraph	3	7			168								
Northern Indiana Utilities Co							Steam	2				Ins		
†Rook, L. W., Construction Co	Building stone and gravel roads	17				60								

FOWLERTON, GRANT COUNTY. (Population, 293.)

Adams, D. L., Hoop Co	Manufacturing hoops						Steam	2				S.D., Ins.	H	
Fowlerton Drain Tile Co	Drain tile						Steam	1				S. D		
Woodbury, Elliott Grain Co	Grain elevator						Steam	1				S. D		

FRANCESVILLE, PULASKI COUNTY. (Population, Census, 729.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Crabbs, Reynolds & Taylor Co	Grain elevator						Steam	1				Ins	H	
†Francesville Clay Products Co	Drain tile	10				60	Steam	2				S.D.,Eng		
Myers, Jacob, Elevator Co	Grain elevator						Steam	1				S. D		

FRANCISCO, GIBSON COUNTY. (Population, 407.)

Princeton Mfg. Co							Steam	1				Eng		
Schuh & Peavler Tile Co							Steam	1				Eng		
†Wyoming Coal Co	Mining coal	22					Steam							

FRANKFORT, CLINTON COUNTY. (Population, 8,634.)

American Fork & Hoe Co							Steam	1				Ins., S.D.	H	
†American Laundry	Laundry	4	7			54	Steam	1				S. D		
†American National Bank	Banking	6	1			54								
†Amich, Howard	Restaurant	5	2			56								
†Barnhart, Harry	Restaurant	6	3			77, 70								
†Blinn Theatre	Theatrical	9					Steam	1				Ins	H	
City of Frankfort (Light Plant)	Electric light						Steam		3			Ins		
City of Frankfort (Schools)							Steam		1					
Clinton Mfg. Co	Fertilizer						Steam	1				Ins. S.D.	H	
†Cohee, A. B. & Co	Grain	9				60								
†Cohee's, B. F. Sons	Dry goods	4	9			60, 54								
†Coulter House	Hotel					54								
†Coulter, J. W. Sons	Clothing	4	1			56, 50								
†Cushwa, M. & Bros	Bakery and restaurant	15	5			60								

Dana, Wm. F							Steam	2				Ins		
†Deming & Thompson Co	Lumber and coal	10				54	Steam	1				Ins., S.D.	H	
*Dorner's, P. Sons Co	Manufacturing harness	5				60								
†Farmers Bank of Frankfort	Banking	7				54								
†Fear, Campbell Co	Wholesale produce	30	10			59								
†First National Bank	Banking	6												
Fletcher, Nathan							Steam			1		Eng		
†Fountain Produce Co	Wholesale produce	15	10			59								
†Frankfort Daily Crescent	Newspaper	4	1			48	Elec							
†Frankfort Heating Co	Hot water heating	7	1			60, 48	Steam		3			Ins., S.D.	H	
†Frankfort Ice & Coal Co	Manufacturing ice	12				84, 60	Steam	2				Ins., S.D.	H	
†Frankfort Laundry	Laundry	3	6			58, 52	Steam	1				Ins., S.D.	H	
†Frankfort Times	Publishing and printing	13				48	Elec							
†Frankfort Water Works Co	Water supply	9	1			84	S. & E	4				Ins., S.D.	H	
†Fritch, J. D	Milling and elevator	6					Steam	1				Eng., S.D.		
†Fuller, V. C. Co	Manufacturing candy	8	2				Gas							
†Garber House	Hotel	1	1			84								
*Garrott, McKinsey Co	Saw mill and lumber	11	1			60	Elec							
†Hauck Department Store	Department store	8	17			54								
†Hertz Dry Goods Co., The	Dry goods	10	10			60, 56								
†Ideal Theatre	Motion pictures	2				36								
†Independent Poultry House	Produce and junk	19	6			60								
*Indiana Brass Co	Brass	15				60	Elec							
Indiana Lighting Co							Steam	2				Ins., S.D.	H	
†Kramer Brothers Co	Lumber and building material	15	1			60, 54	S. & E	1				S.D., Ins.	H	
†McDougall Co	Manufacturing kitchen cabinets	141	7			60, 47	Steam	3				Ins., S.D.	H	
†McDowell, Britton & Cheadle	Wholesale confections, tobacco, etc	8				55								
†Milner Provision Co	Meat	8	1				Steam	1				S.D., Ins.	H	
Neher, Daniel I							Steam	1				Ins., S.D.	H	
New Federal Canning Co	Canning						Steam	2				Ins	H	
†Princess Theatre	Motion pictures	2	1											
†Royal Theatre	Motion pictures	4	1			35								
†Shafor, W. M. & Co	Wholesale grocery	17				55								
†Shanklin, R. P. & Co	Wholesale grocery	17				55								
*Sims, J. T., Grain Co	Grain and milling	8				60								
*Smith, N. N. Co	Manufacturing cigars	20	48		18	50								
†Snyder & Barnett	Road work	20				60								
†Spencer, W. H	Five and 10 cent store	2	8		4	54								
Straesser, A. G							Steam	1				Ins		
Sunior, F. L	Laundry						Steam	1				Ins	H	
*Thrasher, M. B. Co., The	Dry goods	5	19			62, 60								
‡Toledo, St. Louis & Western R. R	Railroad shops						Steam	4				S.D., B.M.		
Wallace Mfg. Co	Foundry and machine shop	25				60	Steam	1				Ins., S.D.	A, H	
Wallace & Strange							Steam	1				Ins., S.D.	H	

FRANKLIN, JOHNSON COUNTY. (Population, 4,502.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Aikens, W. W	Printing	8	2			57								Good.
†Citizens National Bank	Banking	6				45								
Curtis, A. F	Manufacturing ice						Steam	2				Ins	H	
*Ditmars, R. V	Dry goods	2	8			60								
†Dunlap, Vandagriff Coal Co	Coal, grain, etc	8	1			60, 50	Elec							
†Evening Star, The	Printing and publishing	2	6			48	Elec							
Franklin Canning Co	Canning vegetables						Steam	4				Ins		
†Franklin Coil Hoop Co	Hoops and lumber	41	1	2		60, 48	S. & E	2				Ins	H	
Franklin College	College						Steam	2				Ins	H	
*Franklin Lumber Co., The	Manufacturing lumber	19	1			60, 48	Steam	1				Ins	H	
†Franklin National Bank	Banking	7				36								
Greer-Wilkinson Lumber Co							Steam	1				Ins	H	
†Martindale & Millikan	Manufacturing automobiles	30				55	Elec							
Middle West Utilities Co	Light, heat and power						Steam		2			Ins	H	
*Ott's Steam Laundry	Laundry	3	7			54	Steam	1				Eng		
†Rogers, Wm. H	Restaurant	6	4			70								
†Smith & Tilson	Plumbing and hardware	6												
†Star, The	Newspaper	7	2			57	Elec							
†Suckow Co	Flour mill	9				60	Steam	1	1			Ins	A, D	
†Valentine & Valentine	Grain and coal	8				60	Steam		1			Ins	A, H	
†Voris, M. J. & Co	Dry goods	7	8			56								
†Wallace, Frank		1	5			60								

FRANKTON, MADISON COUNTY. (Population, 936.)

†Frankton Canning Co	Canning tomatoes	4	8	1	1	24								
Frankton Water Works	Water supply						Steam	2				S.D., Ins	H	
†Hoosier Fence Co	Manufacturing wire fences	10				54	Steam	1				Ins., S.D	H	
Jones, Perry	Saw mill						Steam	1				S. D	H	

FREETOWN, JACKSON COUNTY. (Population, Census, 350.)

Action, Wilbur							Steam	1				Ins	H	
Brewer, O. F							Steam	1				Ins	H	
Smith, Isaac							Steam	1				Ins		
Smith & Smith							Steam	1				Ins	H	

TREMONT, STEUBEN COUNTY. (Population, 694.)

Fremont Electric Light Plant							Steam	1				Eng.,S.D.		
*Goodwin, J. W	Saw mill	5				60	Steam	2				Ins., S.D.		
‡Hammel Milling Co	Flour and feed						Steam	1				S. D		
‡Lucas, Thos	Distillery						Steam	1				S. D		
Pinchon, H. H	Saw mill						Steam	1				S.D., Ins		
Smith & McNull	Feed mill						Steam	1				S. D	H	
†Star Theatre	Motion pictures	2	1			24, 12								
‡Straw Bros	Butter						Steam	1				S. D		

FRENCH LICK, ORANGE COUNTY. (Population, 1,803.)

†Ellis Hotel	Hotel	1	5			70								
French Lick Milling Co	Flour mill						Steam	1				Ins		
French Lick School Board	Schools						Steam	1				Ins		
*French Lick Springs Hotel Co	Hotel and bottling water	268	51			60, 52	Steam		6			Ins		
†Smith, Cave & Ellis	General merchandise	5	4			60, 54								
Smith-Ellis Milling Co	Flour mill						Steam	1				Ins		
†Southern Hotel	Hotel		4											
†Toliver Hotel	Hotel		3											
†Wells Hotel	Hotel	6	14				Steam	1				Ins		
†Witsman Hotel	Hotel	1	3			84, 70								

FULTON, FULTON COUNTY. (Population, Census, 296.)

Becker & Lear	Saw and planing mill						Steam	1				S.D.,Eng.	H	
‡Enyart, Milton & Co	Flour mill						Steam	1				S.D.,Eng.		
‡Lear, L. E	Cider mill	4					Steam	1				S.D.,Eng.		
Toner, A. D							Steam	1				B. M		

GADSDEN, BOONE COUNTY. (Population, Census ——.)

Name or Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Goodrich Bros	Hay and grain						Steam	1				S.D., Ins.		

GALVESTON, CASS COUNTY. (Population, Census, 658.)

Galveston Grain Co	Elevator						Steam	1				S.D.,B.M.		
‡Galveston Lumber Co	Lumber						Steam			1		S. D		
†Thomas, John	Furniture, undertaking	5	1			59								
Urmston Grain Co	Grain	2					Steam	1				S.D , Ins.		

GAR CREEK, ALLEN COUNTY. (Population, Census, 80.)

Hartman, Harry							Steam	1				Ins	H	
Stiefel & Levy	Grain elevator	3					Steam	1				S.D., Ins.	H	

GARRETT, DEKALB COUNTY. (Population, Census, 4,149.)

†Baltimore & Ohio Ry. Co	Railroad	1,668	4				Steam		4			S.D., Ins.	H	
Egan, M. D	Bakery	2	2			60, 66	Gas						A, B	Good.
Garrett Elevator Co	Elevator	1				60	Gas						B, D	Good.
†Garrett Telephone Co	Telephone	8	11			52, 54								
Garrett Water & Light Co	Water and light						Steam	2				S.D., Ins.	B, H	Good.
‡Groscop & Baltz	Drain tile	8					Steam	1				S. D		
†Keyser House	Hotel	4	6			60								
McLaughlin Garage	Garage	3				70	Gas						A, B	Good.
†Pastime Theatre	Moving pictures	1	1			21								

†Royal Theatre	Moving pictures	1	1			24								
†Stella Steam Laundry	Laundry	2	4			54	Steam			1		S. D	H	

GARY, LAKE COUNTY. (Population, Census, 16,802.)

†Acker & Schmidd	Clothing and shoes	14	1			48, 60								
†Alschuler, H. Co	Department store	8	4	2	16	54, 60								
†American Bakery	Bakery	4	1			60, 72								
†American Bridge Co	Structural iron work	148	15	8	2	44, 55	E. & S	2	1	4		S.D., Ins	H	
American Sand & Gravel Co	Sand and gravel						Steam			1		Ins	H	
American Sheet & Tin Plate Co	Sheet and tin plate						Steam		3	3		S.D., Ins	H	
Armour & Co							Heating				1	Ins		
†Art Theatre	Theatre	4	1			42								
†Binzenhof Restaurant	Restaurant	2	3			67								
†Boston Store	Department store	11	13			60, 75								
†Broadway Hotel	Hotel		2			56								
†Burke Bros., Plumbing & Hdw. Co	Plumbing and hardware	7	1			44, 48								
†Calumet Supply Co	Building material and coal	20				55								
†Calvert-Downer Hdw. Co	Hardware	11				60								
†Chicago Telephone Co	Telephone	108	83	5	29	48, 54								
City of Gary	Schools						Steam	3		2		Ins	H	
†Cronin, Chas. C	Contractor	25												
‡Double A Cleaners	Cleaning and dyeing	5	2				Steam			1		S. D		
†East Chicago Street Ry. Co	Transportation	78				60								
†Elgin, Joliet & Eastern Ry. Co	Transportation	1,553	8	1		47, 84	Steam		2	1		S.D., Ins	H	
†Elk Hotel Co., The	Hotel	2	1			48								
†First National Bank	Banking	7	3			50, 60								
†Gary Bond & Mortgage Co	Real estate	6	2			54, 60								
Gary Construction Co	Paving						Steam			2		Ins	H	
†Gary Heat, Light & Water Co	Light and water	117	3			54, 84	Steam	3				S.D., Ins	H	
†Gary Hotel	Hotel	25	5											
†Gary & Interurban R. R. Co	Transportation	205	1			48, 60								
†Gary Land Company	Real estate	24	6			44, 60								
*Gary Lumber Co	Lumber	25				55, 59								
*Gary Printing & Publishing Co	Printing and publishing	21	2			48							B, F, K	Good
†Gary Screw & Bolt Co	Bolts, nuts, etc	225	48	10	25	45, 57½	E. & S	1				S.D.,Eng		Good
†Gary State Bank	Banking	11	3			44, 48								
*Gary Transfer & Storage Co	Transfer and storage	38	2			54, 60								
†Gary Trust & Savings Bank	Banking	5	1			48								
†Goodman, L	Mercantile	3	6			60								
†Goshen, South Bend & Chicago R. R. Co	Transportation	28				70								
†Grand Theatre	Theatrical	3	1			40, 42	Elec							
†Harrington, J. W., Grocery Co	Grocery and meats	11	1			48, 60								
†Harris, A. B., Electric Co	Electrical	10	1											
*Hess, Alfred S	Contractor	24	1			44								
†Hotel Sidney	Hotel	1	1			70								
†Hotel Waldo	Hotel	2	3			70								

GARY, LAKE COUNTY—Continued

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Illinois Steel Co	Iron and steel	7,758	12			48, 72	Steam	2	46	36		S.D., Ins.	H	
*Indiana Improvement Co	Contractor	19	1			48								
†Keener, Chas	Bakery and restaurant	10	8			48								
†Kirk Hotel	Hotel	9	8			60, 84								
†Lower, J. W. Company	Painting and decorating	4	1			48								
*Maloney, C. H. & Co	Plumbing and heating	9	1			44								
†Manhattan Lumber Co	Lumber	15				60								
*Martin, Chas	Bakery and lunch	11	4			36								
†McNally's Restaurant	Restaurant	2	7			77								
†Moe, Ingwald	Contractor	34	1			44								
†Motor Bus & Transit Co	Transfer	7				60								
†Pearl Laundry Co	Laundry	11	45			54, 60	Steam	1				S.D., Ins.	A,B,C,K	Good
†Peoples 5 and 10 Cent Store	Five and 10 cent store	1	7			50								
†Peoples Hardware Co	Hardware, etc	23	1			44, 60								
‡Reliable Cleaners & Dyers	Cleaning and dyeing	3	1				Steam			1		S. D	H	
*Saratoga Restaurant	Restaurant	5	3			56, 70								
Security Building Co							Steam			1		Ins		
†Slicks Gary Laundry Co	Laundry	16	34			50, 60	Steam	1				S.D., Ins.	H	
†Tittle Bros. Packing Co	Meat packers	17	1			55, 70								
†Tolleston Lumber & Coal Co	Lumber and coal	25				60	Elec							
†Unity Hotel	Hotel	1	3			49								
*Victoria Hotel	Hotel	5	4			52, 70								
†Washington Hotel	Hotel													
†Y. M. C. A	Christian association	18	7			48, 70	E. & S			1		S. D		

GAS CITY, GRANT COUNTY. (Population, Census, 3,224.)

American Sheet & Tin Plate Co	Sheet and tin plate						Steam		1			Ins		
†Pittsburg Folding Box Co	Paper boxes	18	9		3	55	Gas							
†Thompson Bottle Co	Bottles	782	18			50	Steam	6				S.D., Ins.	H	
†United States Glass Co	Glassware	223	25	15	17	48, 72	Steam	4				S.D., Ins.	H	

GASTON, DELAWARE COUNTY. (Population, Census, 638.)

†Gaston Canning Co	Cannery	26	50	4	10	60	Steam	2				S.D., Ins.	H	
Huber, George W	Saw mill						Steam	1				S.D.,Eng.		

GENEVA, ADAMS COUNTY. (Population, Census, 1,140.)

Erie Stone Co	Stone						Steam	1				S. D.		
Geneva Milling & Grain Co	Grain elevator						Steam	1				S.D., Ins.		
†Hotel Shamrock	Hotel		1											
†Mosser, C. C. & Co	Stone	10				60	Steam	1				S. D.	H	

GERMANTOWN, WAYNE COUNTY. (Population, Census, ——.)

France Company, The							Steam			3		Ins.		

GERMANY, FULTON COUNTY. (Population, ——.)

‡Noftsger, B.	Elevator	1					Steam	1				S. D.		

GIBSON, LAKE COUNTY. (Population, Census, 75.)

Chicago, Indiana & Southern Ry. Co	Shops						Steam		3	1		S.D.,B.M.		

GILMOUR, SULLIVAN COUNTY. (Population, Census, 125.)

Monon Coal Co	Mining						Steam	4				S.D., Ins.		

GLENDORA, SULLIVAN COUNTY. (Population, Census, 50.)

Rock Island Coal Mining Co	Mining						Steam	2				Ins.		

GLENWOOD, RUSH COUNTY. (Population, Census, 266.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Nichols, H. W. & Son	Saw mill						Steam	1				Eng		

GOLDSMITH, TIPTON COUNTY. (Population, Census, 250.)

Davis & Fox	Grain elevator						Steam	1				Ins	H	
Lindley, Thomas F	Tile						Steam	1				Ins	H	

GOODLAND, NEWTON COUNTY. (Population, Census, 1,105.)

†Bogan, E. E. Co	Wholesale produce	8	1			60								
Goodland Grain Co	Grain elevator						Steam	2				Ins	H	
†Gravel's Theatre	Theatrical	1				12								
†Little, Z. F. & Co	Mercantile	7	4			62, 72								
Murray & Co	Grain elevator						Steam	1				Ins	H	
Town of Goodland	Light						Steam	2				Ins		

GOSHEN, ELKHART COUNTY. (Population, Census, 8,514.)

†Art Novelty Co., The	Light furniture	20	1	5		48, 60	E. & S	1				S.D., Ins.	H	
Banta Furniture Co	Furniture						Steam	1				S. D	H	
†Boyce, Herman	Restaurant	4	1			50, 60								
Chicago, Detroit Bag Co	Paper bags						Steam	2				S.D., Ins.		
City of Goshen	Schools						Steam	2		4		S. D	H	
City of Goshen	Water						Steam	4				S.D , Ins.	H	
†Elkhart County Trust Co	Banking	5	1			42, 48								
Excelsior Buggy Co	Buggies	3				60	Elec						A, B	Good.

†Frantz, Cyrus H	Cigars	2	2		1	48								
†Freyburg Laundry Co.	Laundry	12	2		1	50, 60	S. & E.	1				S. D.		
†Goshen Buggy Top Co	Buggy tops	8	16			60	Elec							
†Goshen Churn & Ladder Co	Churns and ladders	60				60	Steam	1				S.D., Ins.	H	
†Goshen Concrete Tile Mfg. Co	Tile	5				55	Elec							
†Goshen Condensed Milk Co	Condensing milk	14	1			48, 60	Steam	2				Eng		
†Goshen Democrat	Newspaper	7	1			48								
†Goshen Gas Co.	Gas	22				60	Steam	2				S.D., Ins	H	
†Goshen Mfg. Co., The	Ladders, swings, etc	80	4			49, 57	Steam		1			S.D., Ins.	H	
†Goshen Milling Co., The	Flour and feed	24	2			42, 60	E. & S.	2				S.D., Ins.		
†Goshen Novelty & Brush Co. The	Wood novelties, etc	60	10	5	5	54, 60	Steam	1				S.D., Ins.	H	
†Goshen Planing Mill	Planing mill	6	6			60	Elec						A	Good.
†Goshen Plumbing & Heating Co	Plumbing and heating	4	1			42, 59								
†Goshen Sash & Door Co	Sashes and doors	52	2	2		48, 58	Steam	1				S. D		
†Goshen Stamping & Brass Co	Electric fixtures	5	1			59								
†Goshen Veneer Co	Panels and tops	130	11	2	2	54, 60	Steam	2				S.D., Ins.	H	
†*Harper Laundry Co., The	Laundry	2	3			55	Steam	1				S. D	A	Good.
†Hattle Hotel	Hotel	1	5			42, 49								
†Hawks Electric Co., The	Electricity	23				60	Steam		2			S.D., Ins.		
†Hawks Furniture Co., The	Furniture	90				55	Steam	1	1			S.D., Ins.	H	
†Hawks Hardware Co., The	Hardware	7	2			55								
†Hoosier Motor Co	Motors	11	1			48, 58	Elec							
†Hotel Hascall	Hotel	6	18			42								
†Hudson Co., The	Dry goods	6	12	1	1	58, 65								
I. X. L. Furniture	Furniture	44	2				Steam	1				S.D., Ins.	H	
†Jefferson Theatre	Theatre	19	2				Steam			2		Ins	H	
†Kelly Foundry & Machine Co	Foundry	98	2			50, 60	Steam	1				S.D., Ins.	H	
†Leidner & Hascall	Decorators and art dealers	7												
*Lewis & Jacobs	Clothing, furnishings, etc	6	1			60, 68								
†Lewis & Neville Mfg. Co	Vehicles	15				60	Elec							
†Lyric Theatre	Moving pictures	1	2	1		33								
Maywald Furniture Co., The	Furniture	4				60	Steam	1				Ins	A, D	Fair.
†National Dairy Machine Co	Dairy machinery	21	1			45, 55	E. & S.	1				Ins	H	
†Newell Bros. Co., The	Dry goods	4	10			59, 65								
†News Printing Co	Printing and publishing	24	4			48, 54	Elec							
†Nymeyer & Wohlford	Painting, etc	9				60								
†Opera House Restaurant	Restaurant	2	4			72, 84								
†Oppenheim, J. G. & Son	Department store	14	10			58, 66								
†Rock Run Mills	Knit underwear, etc	15	17		19	54, 60	E. & S.	1				S.D., Ins.	H	
†Sanders & Egbert Co	Hardware, lumber, etc	100				60	E. & S.	2				S.D., Ins.	H	
†Shoup & Kohler	Clothing	6	2			70								
*Simon, Louis & Co	Clothing	4	3			70								
*Star Tank Co	Steel tanks	15		2		60								
†Stier, C. B	Furniture and undertaking	5	1			54, 65								
Superior Ladder Co	Ladders, swings	25	2				Steam	1				S. D	H	
†Thomas, Albright Co	Hydraulic presses	20	1			60	Elec							
†Western Rubber Co	Rubber	40	5			55, 58	Steam	2				S.D, Ins.		
†Western Union Hotel	Hotel		4			50								
Whitmer, H. R. Estate							Steam	1				Ins	H	

GOSPORT, OWEN COUNTY. (Population, Census, 776.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Sanders, A. J. Sons	Saw and planing mill	20				60								

GRABILL, ALLEN COUNTY. (Population, Census, 150.)

Conrad, John & Sons	Cement tile						Steam	1				S. D.		
Gehrig Bros	Saw and brick mills						Steam	1				S. D.	H	
Grabill Tile Co	Tile						Steam	1				S. D.		
Klopferstein, David	Sorghum and cider mill						Steam	1				S. D.		
Muller, F. J							Steam	1				S. D.		
Telling Bros. Dairy Co	Dairy						Steam	1				Ins	H	
Whitmer Grain Co	Grist mill						Steam	1				Ins	H	

GRAMMER, BARTHOLOMEW COUNTY. (Population, Census, 125.)

†Glick Tile Works	Drain tile	5				60	Steam							
†Wertz, Daniel & Co	Saw mill	20				40, 60	Steam	2				Ins	H	

GRAND VIEW, SPENCER COUNTY. (Population, Census, 735.)

Cadick Milling Co	Flour mill						Steam	1				Ins	H	

GRASS CREEK, FULTON COUNTY. (Population, Census, 179.)

Gandy, O. & Sons	Grain elevator						Steam	1				Ins		

GRASSELLI, LAKE COUNTY. (Population, Census, 200.)

Grasselli Chemical Co	Chemicals						Steam	10	6			Ins	H	
United States Metals Refining Co	Metal refining						Steam		3			Ins		

GRAVEL PIT, KNOX COUNTY. (Population, ——.)

Anderson, Theobold Co	Sand and gravel						Steam	1				Ins		

GREENCASTLE, PUTNAM COUNTY. (Population, Census, 3,790.)

A. & C. Stone Co	Stone						Steam	3	1	3		S.D., Ins	H	
†Allen Bros	Dry goods	2	12			52, 54								
†Barnaby, Chas. H	Lumber and veneer	35				60	Steam	3				S.D., Ins		
Besser, W. T	Flour mill	4					Steam	1				S.D.,Eng	H	
†Bittles, R	"D" handles	12				60	Steam	1				S.D.,Eng	H	
†Central National Bank	Banking	7				48								
†Cole Bros. Lightning Rod Co	Lightning rods	40				54, 60	Steam	1				S.D., Ins	A	Good.
†Commericial Hotel	Hotel	2	6			60								
De Pauw University	University						Steam	3				S. D	H	
Eitel, John & Son	Florists	5					Steam	1				S. D		
†First National Bank	Banking	5				48								
Gardner Bros	Artificial ice	6					Steam	1				S.D., Ins		
Gardner Ice Cream Co	Ice cream						Steam			1		S. D		
†Greencastle Banner	Newspaper	6	1			59	Elec							Good.
†Greencastle Cabinet Co	Kitchen cabinets	81	1	3		44, 60	Steam	1				S.D., Ins	A, D, H	Good.
Greencastle Creamery Assn	Creamery	2					Steam	1				S. D		
Greencastle Gas & Light Co	Gas and light	6					Steam			1		S. D	H	
†Greencastle Telephone Co	Telephone	4	10			54								
†Greencastle Transfer Co	Transfer	8				60								
‡Greencastle Water Co	Water						Steam		2			S.D., Ins	H	
‡‡Harris Milling Co	Flour and feed	6				60	Steam	1				S.D., Ins	H	
Herald, The	Publishing and printing	6	1			59	Elec							
†Home Laundry	Laundry	2	5			55, 60	E. & S	1				S.D.,Eng		
†Lyric Theatre	Moving pictures	2	1			13								
‡McWethy, C. M	Laundry	2	6			54	Steam	1				S. D		

GREENCASTLE, PUTNAM COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
‡Meyer, H. F	Saw mill	2					Steam	1				S. D		
†Model Clothing & Dry Goods Co	Dry goods	2	7			60								
†Model Steam Laundry	Laundry	2	5			54, 60	Steam	1				S.D.,Eng		
†Opera Hall	Moving pictures	3	2			21, 60								
*Parker, G. B	Cement work	7				60								
†Putnam Electric Co	Light and power	6	1			30, 56	Steam	1	2			S.D., Ins.	A	Good.
Root Glass Co	Glass sand						Steam	1				Ins	H	
†Sudranski, J. & Co	General store	6	2			50, 72								

GREENDALE, DEARBORN COUNTY. (Population, Census, 697.)

†Greendale Distilling Co	Distilling	22	1			42, 54	Steam							
†Squibb, W. P. & Co	Distilling	35	4			57, 60	Steam							

GREENFIELD, HANCOCK COUNTY. (Population, Census, 4,448).

Ball Bros	Glass bottles						Steam	2				S.D., Ins.	H	
City of Greenfield	Water and light						Steam	2	2			S.D. Ins.		
†Conklin, A. P	Lumber	10				54	Gas							
†Foster, J. C	Hardware, etc	5	2			60								
†Goble, D. H. Printing Co., The	Printing	5	5			54	Gas							
†Greenfield Ice & Fuel Co	Ice and coal	10				60, 84	Steam	2				S. D		
‡†Greenfield Lumber & Ice Co	Lumber and ice	23				60	Steam	1				S.D.,Eng		
‡Greenfield Milling Co	Flour and feed	5					Steam			1		S. D		
†Greenfield Steam Laundry	Laundry	2	4			52	Steam	1				Eng	H	
Greenfield Wood Turning Co	Wood turning	12					Steam	1				S.D., Ins.		
Hancock County Court House	Court house						Steam	2				S.D., Ins.	H	
†Johnson, W. P	Drugs	3		3		56, 64								
†Koin, Simon	Dry goods stores	6		7		60								

†Mitchell Printing Co	Printing	18	16			48, 54								
*Morrison, S. Telephone Co., The	Telephone	4	10			60								
†New Milling Co., The	Flour and feed	7	1			60	Steam	1				S.D.,Eng.	H	
†Spencer Publishing Co	Printing and publishing	4	3			48	Elec							
Terre Haute, Indpls. & Eastern Tract. Co	Car barn						Steam	1				S.D., Ins.	H	
*Townsend, C. S	Glass	7				54	Gas							
†Walker, J. Ward Co	Department store	7	8			67½								

GREENSBURG, DECATUR COUNTY. (Population, Census, 5,420.)

†Airdome Park	Moving pictures	1	2											
†Annex Hotel	Hotel	5												
†Bromwell Brush & Wire Goods Co., The	Wire cloth	70	10		5	57½	Steam	1				S.D., Ins.	A, H	Good.
†Citizens National Bank of Greensburg, The.	Banking	5	1			54								
City of Greensburg	School						Steam	2				Ins	H	
†Corbett & Rohe	Hardware and implements	11	1			48, 60								
†Cosmas, John G	Confectionery	4	1			65								
Craig, J. W	Stone						Steam			1		S. D	H	
*Daily Review Printing Co	Printing and publishing	8	5	6		54	Elec						A	Good.
†Dalmbert & Co	Dry goods	13	4			59								
†De Armond Hotel	Hotel	8	8			60, 72								
†Decatur County Independent Tel Co., The.	Telephone	9	9			48, 54								
Doles, E. E	Spokes	4				60	Steam	1				S.D., Ins.	A, H	Good.
†Enterprise Dry Goods Store	Dry goods	1	4			57								
*Erdmann, C. E. & Son	Cigars	5				48								
†Espy House	Hotel		3			63								
†Garland Milling Co	Flour mill	20				66	G. & E						A	Good.
†Greek Candy Kitchen	Candy	2	3			50, 70								
Greensburg Democrat	Newspaper	7	1			48, 60							A	Good.
Greensburg Foundry & Machine Co	Foundry and machine	2					Gas						A	Good.
†Greensburg Gas & Electric Co	Gas and electricity	8	1			48, 56	Steam	2				S.D., Ins.	H	
†Greensburg Limestone Co	Stone	15	1			54								
Greensburg Planing Mill	Planing mill	4				60							A	Good.
*Greensburg Sanitary Laundry	Laundry	4	10			45 50	E. & S	1				S.D.,Eng.	A, H	Good.
‡Greensburg Water Company	Water						Steam	2				S.D.,Eng.		
†K. of P. Opera House	Theatrical	5												
*Loyd, C. J. & Co	Produce	40					Gas							
*Magee, Geo. W	Dry goods	3	4			56, 62								
‡Meek, Osborn & Fisher	Stone quarry	17				60	Steam			1		S. D		
*Meek Ice Co	Ice	10				84	Steam		1			S.D., Ins.		
†Minear Dry Goods Co	Dry goods	3	19			56								
†‡Nading Mill & Grain Co	Grain	14				60	G, & S	1				S. D		
†Palace Theatre	Moving pictures	1	2			30								
†Pulse & Porter	Lumber	250				60	Steam	1				S.D., Ins.	A, H	Good.
†Robbins, Wm. H. & Co	Grocery and commission	11				60								
†Third National Bank of Greensburg	Banking	5	1			50								
†Wonderland Theatre	Moving pictures	1	2			30								

GREENTOWN, HOWARD COUNTY. (Population, Census, 1,166.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Corona Milling Co	Flour mill	10					Steam	3				S.D., Ins.	H	
† ‡Greentown Canning Co	Cannery	25	5	5			E. & S	1				S. D		
Holliday, John & Son	Grain elevator	3					Steam	1				S.D., Ins.		
Indiana National Gas & Oil Co	Gas and oil						Steam	12				Ins		
†Richer, N. T	Blacksmithing and repairing	6				60								
Standard, The	Newspaper and job printing	1	2			54							A	Good.
Toledo Elevator Co	Elevator						Steam	3				Ins	H	

GREENWOOD, JOHNSON COUNTY. (Population, Census, 1,608.)

Citizens Water & Light Co	Water and light						Steam	2				Ins	H	
Craiggs, The	Sanitarium						Steam	1				Ins	H	
*Greenwood Lumber Co	Planing mill	9				57	Gas							
Indpls., Columbus & Southern Trac. Co	Traction power house						Steam	1				Ins		
†Polk, J. T. Co	Cannery	269	160	13	15	40, 50	Steam	6				Ins	H	

GRIFFITH, LAKE COUNTY. (Population, Census, 253.)

Indiana Pipe Line Co	Pumping oil						Steam	6				B. M		

HAGERSTOWN, WAYNE COUNTY. (Population, Census, 936.

Abbott, W. C.	Manufacturing candy		5			60							B	Good.
†Bagford, J. W	Motion pictures	1	1			10								
Citizens Telephone Co., The	Telephone	2	4			56							B, E	Good.
Hagerstown Exponent	Printing, etc	2	1			60							C, D	Good.
†Light Inspection Car Co	Manufacturing auto engines	163	2			56, 48	Elec						A	Good.
†Pictureland Theatre	Motion pictures	1	2			10								
†Tide Water Pipe Co. Ltd., The	Pumping oil	8				84								
†Werking & Keagy	Planing mill	14					Steam	1				Ins	H	

HAMLET, STARKE COUNTY. (Population, 579.)

Woodward Bros							Steam	1				Ins	H	

HAMMOND, LAKE COUNTY (Population, 20,925.)

†Ahlborn, Wm. Construction Co	Contractors	50				60								
†American Potato Machinery Co	Manufacturing potato implements	22				55	Elec							
American Steel Foundries							Steam	3				Ins	H	
Bacon, E. R	Grain elevator						Steam	3				Ins		
†Beckman Supply Co., The	Coal, feed, etc	6	1			60	Elec							
†Betz, Frank S. Co	Manufacturing surgical supplies	350	75	6	20	60, 54	S. & E	3	1			Ins., S.D.	D E, H	Good.
Bick Laundry Co	Laundry						Steam	1				Ins., S.D.	H	
†Calumet Product Co	Butter, eggs, etc	3	1	1		55								
*Central Railway Signal Co	Manufacturing railway torpedos	30	27	1	1	54	Steam					Ins., S.D.	A, B, K	Good.
†Champion Potato Machinery Co	Manufacturing agricultural implts	55	4		3	53, 47	Elec							
†Chapin & Co	Manufacturing feed	31	7	2		60, 42	Elec							
Chicago & Erie Railway Co	Railway shops						Steam	5				B.M.,S.D.		
†Citizens German National Bank	Banking	7				60								
City of Hammond	Schools						Steam			10		Ins., S.D.	H	
City of Hammond	Water works						Steam	4				Ins., S.D.	H	
†C. O. D. Laundry	Laundry	6	18	4		60, 54	Steam	1				S.D. Eng.		
*Conkey, W. B. Co	Manufacturing printers, etc	685	290	35	40	48, 54	Steam		3			Ins., S.D.	H	
†Enterprise Bed Co	Manufacturing spring beds	77	18	10	7	59	S, & E	1				Ins., S.D.		
†Erelebach, H. F	Manufacturing invalid chairs	8	1			55	Elec							
*Federal Cement Tile Co	Manufacturing cement tile	77	1			53, 45	S. & E			2		Ins., S.D.	H	
†Federal Hotel	Hotel													
†First National Bank	Banking	12												
†Fitzhugh, Luther, Car Co	Car repairing	48	1		1	52, 45	Steam	2		1		Eng.,S.D.		
†Gnatt, Ove	Florist supplies	14	6			54								
*Hammond Bedding Co	Mattresses	4	8		1	54								
†Hammond Brass Works	Manufacturing brass goods	29	1											

HAMMOND, LAKE COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Hammond Cornice Works	Cornices, etc	5				44								
†Hammond Dairy Co	Dairy goods	10	2			50	S. & E	1				S. D		
†Hammond Distilling Co., The	Distilling	90				60	S. & E		8	3		Ins., S.D.	H	
†Hammond-Gary Transfer & Express Co	Transfer	5	1	1		60								
†Hammond Knitting Co	Knitting	4	4	2	4	50	Elec							
†Hammond Lumber Co	Retail lumber	9				50	Steam	1				Ins., S.D.	H	
*Hammond Machine & Forge Works	Structural iron, etc	20				54								
†Hammond Modern Baking Co	Baking	7	2			60								
*Hammond Pure Ice Co	Manufacturing ice	16	2			70, 48	Steam	3				Ins., S.D.	A, B, C, H.	Good.
†Hammond Savings & Trust Co	Banking, etc	4	1			51								
†Hammond, Whiting & East Chicago Ry. Co	Street railway	83				60	Steam	1				Ins	H	
Hirsch, Stein & Co							Steam		3			Ins		
†Hoffman, Clarence I., Construction Co	Contracting	21	1	1		54, 48								
*Hotel Carleton	Hotel	3	6			60	Steam			2		Ins	H	
*Illinois Car & Mfg. Co., The	Manufacturing bolts, etc	184	2	11		60, 48	Elec							
†Indiana Natural Gas & Oil Co	Distribution of gas	94				60								
Lake County Printing & Publishing Co	Newspaper	10				48								
†Lake County Savings & Trust Co	Banking etc	10	2			48								
†Lash Hotel	Hotel		3											
*Main Hotel	Hotel and restaurant	7	3			70								
†McIlroy Belting & Hose Co	Manufacturing belting and hose	3	5			51	Steam			1		S. D		
†Minas, E. C. Co	Department store	38	33	3	14	60								
†Minas, H, N	Five and 10 cent store	3	12		12	59								
†Monon Hotel	Hotel	5	9											
Northern Indiana Gas & Electric Co							Steam	2	8			Ins., S.D.	H	
†Pastime Theatre	Motion pictures	1				35								
†Paxton Lumber Co	Lumber	14	1			65, 52								
†Preble Machine Works	Manufacturing castings etc	75				60	Elec							
†Princess Theatre	Motion pictures	2	1			35								
†Reid-Murdoch & Co	Manufacturing food products	222	390			60	Steam		3			S. D		
St. Margaret's Hospital	Hospital						Steam	2				Ins., S.D.	H	
†Simon, Edward	Manufacturing cigars	18	5			48								
Simplex Railway Appliance Co	Railway Car Equipment						Steam	7				Ins., S.D.	H	
†Standard Grain & Elevator Co	Grain elevator	16				60	Steam							

*Standard Steel Car Co	Building cars	2,386	2	40		56, 42	S. & E.		12	6		Ins., S.D.	H	
†Steel Car Forge Co	Car forgings	257		6		56	Elec							
†Straube Piano Co	Manufacturing pianos	90	1	8		55, 44	S. & E.	2				Ins., S.D.	A, H	Good.
†Summer Mfg. Co	Manufacturing horn buttons	5	17			55	S. & E.			1		Ins		
Swift & Co	Abattoir						Steam	1		1		Ins	H	
†Taylor, S. G., Chain Co	Manufacturing chains	75		5		60	Elec							
†United Boiler Heating & Foundry Co	Manufacturing boilers, etc	28				54	Elec						A	Fair.
*Young's Elastic Rubber Roof Paint Co	Paint	5	1			60, 48								

HARMONY, CLAY COUNTY. (Population, Census, 1,080.)

Baird & Sons	Coal mining						Steam	1				S. D		

HARRISON, DEARBORN COUNTY. (Population, ——.)

Snider, T. A., Preserve Co	Canning						Steam	1		1		Ins	H	

HARRISVILLE, RANDOLPH COUNTY. (Population, 178.)

‡Pierce Elevator Co	Grain elevator						Steam	1				S.D.,Eng.		

HARTFORD CITY, BLACKFORD COUNTY. (Population, 6,187.)

‡Abbott, Eugene	Bottling and manufacturing ice cream						Steam			1		S. D		
†American Window Glass Co	Manufacturing window glass	400				48, 72	Steam	7				Ins	H	
Blackford Paper Mills	Manufacturing box board						Steam		5			Ins., S.D.	H	
†Blake, H	Grocery	6	2											
†Blake's Restaurant	Restaurant	3	3											
Burnworth, Jacob & Son	Drain tile						Steam	1				S. D		
*Campbell, Ervin Co	Dry goods	5	7			62, 55								
†Citizens State Bank	Banking	5	2			50								
City of Hartford, City	Water works						Steam	2				Ins		
Fort Wayne Corrugated Paper Co	Corrugated paper						Steam		5			Ins	H	
†Gleason & Fischer	Manufacturing ice	8				84	Steam	2				S. D	H	
*Hartford City Grain & Milling Co	Grain and milling	6				60	Elec							
Hartford City Ice Co	Manufacturing ice						Steam	1				S. D		
†Hartford City Paper Co	Manufacturing paper	137	22		4	60	S. & E.	7				S.D., Ins.	H	
Harvey, Geo. W	Laundry						Steam			1		Ins		

HARTFORD CITY, BLACKFORD COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Hoover Furniture Co., The	House furnishings	8	1			67								
‡Inman, Wm	Saw mill						Steam	1				S. D.		
†Johnston Glass Co	Manufacturing window glass	57	1	7		60, 48	S. & E.	1				S. D.	A	Poor.
†Lieber & Campbell	Hardware	8	1			60								
†Mercer Lumber Co	Lumber, etc	5	2			60								
†New Method Laundry	Laundry	2	6			50	Steam			1		S. D.		
†News and Telegram	Newspaper	16	4			59	Elec							
*None Better Mfg. Co., The	Manufacturing canton flannel gloves	3	21			55	Elec							
†Smilack, E	Scrap iron, etc	4	1			48								
*Sneath Glass Co	Manufacturing glassware	100	10	30	30	45, 55	S. & E.	2				Ins., S.D.	H	
†Times-Gazette Co., The	Newspaper	5	2			60								
†Tyndall, O. H. & Co	Saw mill	5				50	Elec							
*Weiler, A. & Bros	Department store	24	26			59	Elec							
†Willman Lumber Co	Lumber and building material	9				60	Elec							

HATFIELD, SPENCER COUNTY. (Population, 150.)

Evansville & Eastern Electric Ry							Steam		2			Ins		

HAUBSTADT, GIBSON COUNTY. (Population, 550.)

Haubstadt Creamery Co							Steam	1				Eng		
Seitz, Geo D., Lumber Co	Planing mill						Steam	1				Ins		
†Ziliak & Schafer Milling Co	Flour milling	9		1		60	Elec							

HAZELRIGG, BOONE COUNTY. (Population, 40.)

Smithson, Lewis C	Grain elevator						Steam	1				Ins		
Whiteman, J. L	Grain elevator						Steam	1				Ins., S.D.		

HAZELTON, GIBSON COUNTY. (Population, Census, 648.)

Heise, August C	Flour mill						Steam	1				Ins		
Princeton Milling Co	Grain elevator						Steam	1				Ins	H	

HEDRICK, WARREN COUNTY. (Population, 126.)

Crane, J. O							Steam	1				Ins	H	

HELMSBURG, BROWN COUNTY. (Population, 150.)

Hamilton Lumber Co	Lumber						Steam	1				Ins	H	

HEMLOCK, HOWARD COUNTY. (Population, 175.)

‡†Fenn, Daniel	Drain tile	7					Steam	1				S.D.,B.M.		

HERBST, GRANT COUNTY. (Population, 185.)

†Herbst Drain Tile Co	Manufacturing drain tile	14				60	Steam	1				Ins., S.D.	H	
Morrison, Thompson Co	Grain elevator						Steam	1				B.M.,S.D.		

HESSVILLE, LAKE COUNTY. (Population, 290.)

†Vulcalose Co., The	Manufacturing rubber	8				60	Elec							

HIGHLAND, LAKE COUNTY. (Population, 350.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular	Water Tubes	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Libby, McNeill & Libby	Canning						Steam	2				Ins	H	

HILLISBURG, CLINTON COUNTY. (Population, 280.)

Foreman & Davis							Steam	1				Ins	H	
Smith & Foreman	Grain elevator						Steam	1				Ins		

HILLSBORO, FOUNTAIN COUNTY. (Population, Census, 528.)

Finch, F. A. & E. P.							Steam	1				Ins., S.D.	H	
Horn, J. L.	Saw mill						Steam	1				Eng.,S.D.		
†J. C. & S. Co	Manufacturing brick and tile	6				60	Gas							

HILLSDALE, VERMILLION COUNTY. (Population, 275.)

†Billings, Ed. B	Clay mining	5				54								
Heber & Bonebrake	Fire clay grinding						Steam	1				S. D	H	
‡Hoosier Clay Works	Fire clay grinding	10					Steam	1				S. D.		
‡†Lanyon Fire Clay Works	Fire clay	10				60	Steam	1				B. M.		
National Drain Tile Co	Drain tile						Steam	4				Ins., S.D.		
Wabash Valley Fire Clay Co	Fire clay						Steam	1				Eng		

HOAGLAND, ALLEN COUNTY. (Population, 275.)

‡Hartsel & Shookman	Saw mill						Steam	1		1		S. D.		
Koeneman, E. F. & C.	Grain elevator						Steam	1				S. D.	H	

HOBART, LAKE COUNTY. (Population, 1,753.)

Bowmer, Siegfried	Bakery	3				54								Good.
Elgin, Joliet & Eastern Ry. Co	Pumping station						Steam			1		Ins.	H	
Hobart Light & Water Co	Light, power and water						Steam	2				Ins., S.D.	A, H	Good.
Hobart News, The	Newspaper	2				48	Gas						A, B	Good.
Kulage Brick Works	Manufacturing brick	40				60	Steam	3				Ins., S.D.	A	Fair.
Makutchan Roller Bearing Co	Roller bearings						Steam	2				Ins., S.D.	H	
†National Fire Proofing Co	Manufacturing clay products	98	1	1		60	Steam	7				Ins., S.D.	H	
†Scharbach, W., Sr	Planing mill	7	1			54	Elec							
†Smith & Stoddard Co	Manufacturing whips	11	10	3	1	57, 53	Elec						B, C	Good.
†Stommel, Wm. & Co	Merchandise	5	4	1		62								

HOBBS, TIPTON COUNTY. (Population, 225.)

†Hobbs Drain Tile Co	Manufacturing drain tile	13				60	Steam	1				Eng		
House, John R. & Son	Grain elevator						Steam	1				Eng		

HOMER, RUSH COUNTY. (Population, 150.)

†Arbuckle & Son	Manufcturing drain tile and brick	9				60	Steam	2				Ins		

HOPE, BARTHOLOMEW COUNTY. (Population, 1,223.)

Dunlap & Co	Planing mill	2				60	Gas						A, B	Good.
†Fischel, U. R.	Poultry	7	2			60								
Hope Canning Co	Canning						Steam	2				Ins		
†Hope Independent Telephone Co	Telephone	3	6	1		54								
Nading, Simon	Flour mill	3				60	Gas						A, B, D	Good.
Pulse & Porter	Light and ice	7				84	Steam	2				Ins	A, B	Good.
Reed, F. M	Feed mill	3				60	Gas						A, B, D	Good.
Star Journal	Newspaper	1	5	2		54	Gas						B,	Good.
†Star Theatre	Motion pictures	1	1											

HORSESHOE, LAWRENCE COUNTY. (Population, Census, 20.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Indiana Quarries Co							Steam			87		Ins	H	

HOWE, LAGRANGE COUNTY. (Population, ——.)

Howe Military School	College						Steam	3				S.D., Ins		
Lima Creamery Co	Creamery						Steam	1				S. D		

HOWELL, VANDERBURGH COUNTY. (Population, 1,890.)

Louisville & Nashville R. R. Co							Steam	5				B. M		
Walden & Eades	Bakery	7	5	1	5	60								

HUNTERTOWN, ALLEN COUNTY. (Population, 325.)

Huntertown Grain Co	Grain elevator						Steam	1				Ins	H	

HUNTINGBURG, DUBOIS COUNTY. (Population, 2,464.)

American Laundry	Laundry	3	4			60	Steam	1				S.D.,B.M.	A, B	Good.
†Brendle & Mandel	Planing mill	10				54	Steam	1				Ins., S.D.	A	Good.
City of Huntingburg	Water works						Steam	2				Ins	H	
†Dubois County Telephone Co	Telephone service	9	22			60, 54								
Farmers Milling Co	Flour and feed						Steam	1				B. M		

*Fox Hill Coal & Mining Co	Coal mining	9				40	Steam							
†Huntingburg Brewery Co	Brewing beer	15				60	Steam	1				B. M		
Huntingburg Cannery	Vegetable canning	4	16	4	4	60	Steam						B	Good.
Huntingsburg Creamery	Butter and milk	2				60	Steam	1				B. M	B	Good.
†Huntingburg Dry Pressed Brick Co	Manufacturing brick	28				60	Steam	1				Ins., S.D	H	
Huntingburg Electric Light Co							Steam	2				Ins		
†Huntingburg Furniture Co	Manufacturing furniture	25				60	Steam	1				Ins	A, B, H	
†Huntingburg Wagon Works	Manufacturing vehicles	47	3			60	Steam	1				Ins	A, B, H	Good.
Link & Arensman	Manufacturing hubs						Steam	1				B. M		
Lukemeyer, W. H. & Son	Brick and drain tile						Steam	1				Eng		
Morgan & Senbolt	Florists						Steam	2				B. M		
†Miessner Bros. Co	Manufacturing woolen yarns	5	20			72, 48	Steam							
†Partenheimer, Phil & Co	Planing mill	8				54	Steam	1				B. M		
†Patoka Brick & Tile Co	Manufacturing brick	23				60	Steam	1				B. M	A, B	
†Rauscher, Wm. & Co	Packer	7				54	Steam	1				B. M		
Schneck, O. V	Machine shop	4				60							A	Good.
†Shapinsky, Aaron	Staves	15				60	Steam	1				B. M	H	
Star Carriage Co							Steam	1				Ins		
Star Mill Co	Flour and feed						Steam	1				Eng		
*Stimson, J. V	Hardwood, lumber, etc	10				60	Steam	2				Ins	H	
†Thies, Wm. & Son	Telephone cabinets	23	1			60, 48	Steam	1				B. M		
Uhl Pottery Co	Pottery	28	2			60	Steam	1				Ins	A, D, H	Good.

HUNTINGTON, HUNTINGTON COUNTY. (Population, 10,272.)

Adams Bros	Manufacturing hoops etc	20				60	Steam	1				Ins., S.D	A, H	Good.
†Arnold, H. H. & Son	Dry goods	10	30	1	7	60, 54								
†Barker, Brown & Co	Manufacturing shoes	137	45	23	10	59, 54	Steam	1		2		S. D	A	Good.
†Bartlett Trucking Co	Trucking and storage	10				60								
†Bash, C. E. & Co	Grain, etc	12		1		60								Good.
Brown, R. A	Flour mill						Steam	1				Eng., S.D		
†Caswell-Runyan Co	Wood working	126	11	1	5	59, 54	S. & E	2				Ins., S.D	A	Good.
*Catholic Publishing Co	Printing and publishing	10	8		1	48, 54	Elec						A, B, D, F	Fair.
†Central House	Hotel		1			35								
Chicago & Erie R. R. Co	Repiar shop	600	2			54							A	Good.
†Cincinnati, Bluffton & Chicago R. R. Co	Railroad	61	4			60								
*City Bakery	Baking	6				60	Elec						A, B	Good.
City of Huntington, Water works	Water and light						Steam	4				Ins., S.D	H	
†Collins Ice Cream Co	Manufacturing ice cream	18	2			60	Elec							Good.
De Armitt, J. B	Feed mill	3	1			60							B	Good.
*Ditzler & May Lumber Co	Saw mill	16	1			60	Steam	1				S. D	B	Good.
†Erie Stone Co., The	Quarry	95				60	Steam	2		1		S. D		
†First National Bank	Banking	5												
Fort Wayne & Northern Ind. Traction Co	Car barns	17				60	S. & E	1				Ins	A, B, H	Fair.
†Franklin, Meyer	Department store		9	1		57								
†Frash, John & Sons	Dry goods	10	22										E	Good.

HUNTINGTON, HUNTINGTON COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Guide Publishing Co., The	Publishing agricultural paper	13	8	4		54	Elec						B	Good.
†Herald & News Express Co	Publishing and printing	17	3	3		48								
†Hotel Welling	Hotel	1	1											
Hunch Cigar Co	Manufacturing cigars	2	2			48							B, C	Good.
†Huntington Brewing Co., The	Brewing and bottling	18	1	1		60, 54	S. & E	2				Ins., S.D.	B, H	Good.
†Huntington County Bank, The	Banking	6				65								
Huntington Grain Co	Grain elevator						Steam	1				Ins., S.D.		
†Huntington Hotel	Hotel	3	13			60								
†Huntington Light & Fuel Co	Light and heat	43	1			60, 54	Steam		5			Ins., S.D.	H	Good.
*Huntington Lumber Co	Lumber and coal	10				60	Elec						A	Good.
Huntington Mill Co	Flour and grain	8	1			66, 42								
†Huntington Publishing Co	Newspaper	13	1			48								
†Huntington Theatre	Theatre	3				60								
†Hutsell & Wolfcale	Road construction	10												
†Keefer & Bailey	Road contractors	30				60								
†Kenower, John Sons	Lumber	13	1			60, 54	Elec						A	Good.
*Kindler John Co	Buggies, etc	6				60								
Knudson-Mercer Co	Planing mill	4	1			60							A, B	Good.
†Kriegbaum Bros	Hardware and coal	6	1			60, 51								
Little, Harry	Manufacturing cabinets	3					Steam	1				S. D	A	Good.
†Majenica Tile Co	Tile and brick	8				60								
†Majestic Furnace & Foundry Co	Manufacturing furnaces	50	2			59	Elec						A	Good.
†McCaffrey & Co	Retail grocery	5				72								
Mechanic Cigar Co	Manufacturing cigars	2	1										B	Good.
†Metzger Hat Shop	Millinery		5			60								
‡*Modern Laundry	Laundry	4	10			50	Steam	1				S.D., Eng.	B	Good.
†Neuer & Eisenhauer	Shoes and jewelry	4	1			60, 54								
†North Side Bakery	Baking	10	2			60, 54	Elec							Good.
†Ohio & Western Lime Co., The	Manufacturing lime	78				60	S. & E	4				Ins., S.D.	H	
†O. K. Barber Shop	Barber	6												
†Orton & Steinbrenner Co	Machinery	98				60	Elec						A, B	Good.
†Reichenbach-Wickenhiser Co	Hardware	8				60								

†Schacht Rubber Co	Manufacturing rubber goods	17	8		2	59	Steam	1				Ins., S.D.	A H	Good.
†Schaff Bros. Co	Manufacturing pianos	59	1	3		54	Steam	1				Ins., S.D.	A	Good.
†Sheller Cafe	Restaurant	3	3			70								
‡†Shideler Bros	Drain tile	8				60	Steam	1				S. D	H	
†Souers, Geo. W. & Sons	Selling horses	8												
South Side Bakery	Bakery	4				54	Elec							Good.
†Spencer House	Hotel													
*Strodel, John Co., The	Department store	12	10			60								
†Stultz, M. B. Co	Undertaking and furniture	4	1			60, 54								
†U. B. Publishing Co	Printing and paper	6	5			53	Elec						A	Good.
†Union Laundry Co	Laundry	3	10	4		55	Steam	1				Ins	C	Good.
†Vardaman, C	Restaurant	5	5			84								
Waring Glove Co	Manufacturing cotton gloves	5	76		4	54								Good.
*Weber & Purviance	Coal and building material	5				60								Good.
*Whitelock Press, The	Printing	7	3			48, 54							A	Good.
†Wilkerson Ice & Coal Co	Ice and coal	11	1			60, 48	Steam	2				Ins. S.D.	B, H	Good.
Winebrenner, J. F. Son & Co	Grain elevator	4				60								Good.
Woolworth, F. W. Co	Five and 10 cent store	2	50			54, 58							B, C	Good.
Yerman, John F	Manufacturing cigars	2											B	Good.
Zint, Melvin A	Manufacturing drain tile						Steam	1				S. D		

HYMERA, SULLIVAN COUNTY. (Population, 1,515.)

†Averill Coal Mining Co	Coal mining	250				48	Steam	2				S.D.,Eng.		
†Consolidated Indiana Coal Co	Mining coal	955	2	17		48	Steam	15				Ins., S.D.	H	
Dering Coal Co	Coal mining						Steam	6				Ins., S.D.		

IDAVILLE WHITE COUNTY. (Population, Census, 650.)

Loughry Bros	Milling and grain	2					Steam	1				S. D., Ins.		
Pine, Michael	Tile						Steam	1				S. D		
Townsley, C. J	Tile						Steam	1				S. D., Ins.	H	

INDIANA HARBOR, LAKE COUNTY. (Population, Census, 22 000.)

Alexander & McKempson							Steam			1		Eng		
†American Steel Foundries	Steel castings	1,092	12	2		48, 60	Steam		3			S.D., Ins.	A, B	Good.
Bayart, John	Bakery	4				54	Elec						B, G	Fair.
*Booster Cigar Co	Cigars	8	2			44								
Brownell Improvement Co							Steam			2		Ins		
†Calumet Laundry Co	Laundry	11	29			52, 55	Steam	1				S.D., Ins.	A, B, H	Good.
Chicago Indiana & Soutern Ry. Co	Pumping station	2					Steam	2				S.D.,B.M.	H	

INDIANA HARBOR, LAKE COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†East Chicago & Indiana Harbor Works	Water	10	3			60, 84	Steam	2				S.D., Ins.		
Harbor Garage & Machine Co	General repairing	3	1			70							A, B	Good.
†Indiana Harbor Elevator Co	Grain elevator	30				52½	Steam	4				S.D., Ins.		
†Inland Steel Company	Steel	3,490	7	3		66	Steam		38	18		S.D., Ins.	A, B, H	Good.
*Jordan, O. F. Co., The	Railway equipment	50				60	Elec							
*Lincoln Hotel	Hotel	6	4			63, 74								
Misewiez, Joseph	Bakery	3				60							B, G	Fair.
†South Side Dairy	Dairy	8	1			56, 70	Steam			1		S. D	H	
*Spisak, Fred	Bakery	6												
†Standard Forging Co	Steel forgings	270				50	Steam	19		1		S.D., Ins.	A, H	Good.
Ward-Dickey Steel Co.	Sheet steel	20				60	Steam	1				S.D., Ins.	H	Good.

INDIANAPOLIS, MARION COUNTY. (Population, Census, 233,850.)

*A. & C. Stone & Lime Co	Stone and lime	100				60								
†Abel Bros	Cement work	10				58								
†Abel & Doyle	Tinning, etc	9	1			44½								
†Acme-Evans Co	Flour mill	146	3	1		48, 72	Steam	6	1			S.D., Ins.	H	
†Adams, C. F. Company	Household goods, clothing	19	4			48, 54								
†Adams, J. D. & Co	Road machinery	40	8			48, 60	Steam	1				S.D., Ins.	H	
†Adams Brick Co	Brick	110				54								
†Adams, Carr Co	Millwork	27	4			48, 55								
†Adams Express Co	Transportation	682	7			60								
†Adams & Raymond Veneer Co	Veneers	80				57	Steam	3				S.D., Ins.	H	
†Advance Paint Co	Paints, etc	15	2	1		44,50	Elec							
†Advance Tent & Awning Co	Tents and awnings	4	4			50, 55								
†Aeolian Company, The	Musical instruments	21	5			45, 54	Elec							
†Aetna Cabinet Co	Office fixtures	33	2			52½	Steam	1				S.D., Ins.		Good.
Aetna Laundry Co	Laundry	2	10			60	Steam	1				Ins	A	Good.
†Aetna Life Insurance Co	Insurance	11	6			45								
Aetna Trust & Savings Co	Trust company	25	9	2										

Ajax Paint & Color Co	Paint	4	1			55							A	Good.
†Alcazar Theatre	Moving pictures	2	2			24								
†Aldag, F. W. Co	Coal, lime, cement	8	4			60								Good.
†Aldag Paint & Varnish Co	Paints, etc	4	1			56								
†Alderman, R. R	Books and stationery	5	3			51								
*Alexander Box Co	Boxes	19	1			60							A	
†Alhambra Theatre	Theatre	14	2											
†Allison, W. D. Co.	Physician's furniture	30	3			50, 55½	Elec							
Allison, James A	Residence						S. Htg	2				Ins	H	
*Allison Coupon Co	Coupon books	31	33			46½, 54	Elec							
Alltimes & Dewar	Brass	2				55							A	
†American Boiler & Sheet Iron Works	Boilers	8	1			48, 50	Elec							
†American Brewing Co	Brewery	60				48, 56	Steam		3			S.D., Ins	H	
†American Buncher Mfg. Co	Clover bunchers	6	1			50	Elec							
American Can Company	Cannery	140	60			45	Steam	2				S.D., Ins	H	Good.
*American Car & Foundry Co	Car foundry	1,658	22			48, 59	E. & S	4				S.D., Ins	A, H	Good.
†American Central Life Insurance Co	Insurance	44	19			44								
†American Coke & Gas Construction Co	By product coke ovens	96				60	Steam	1				S. D		
†American Color Co., The	Dyes, etc	2	5			54	Steam							
†American Construction Co	Contracting	150				58								
†American Creosoting Co	Wood preservation	35				60	Steam	4						
†American Dairy Co	Dairy and produce	15	2			50, 60								
†American Dye Casting Co	Dye castings	24	1			50, 55								
†American District Telegraph Co	Telegraph	16	2			60								
†American Express Co	Express	870												
*American Five and Ten Cent Store	Five and ten cent store	12	88			48, 58							B, F	Good.
†American Foundry Co	Gray iron castings	252	1			45, 60	E. & S	1				Ins	A	Fair.
†American Garment Co	Garments	12	98			54	Elec						E	Good.
†American Gig, Saddle & Felt Co	Harness	36	8			55	Elec							
*American Highspeed Chain Co	Chain	30	20			55	Elec							
†American Hominy Co	Corn milling	420	11			48, 72	E. G. S		9	1		S.D., Ins	H	
†American Insurance Co. of Philadelphia	Insurance	5	2											
†‡American Leather Products Co	Scrap leather	13	11			55, 59	E. & S	2				S.D., Ins	H	
†American Maize Oil Refining Co	Corn oil	8				60	E. & S	1				S.D., Ins	H	
†American Motors Co	Motor cars	425	25			48	Steam	4				S.D., Ins	A, B, H	Good.
†American Press Association	Stereotype plates	9	1			48	Elec							
†American Star Laundry	Laundry	15	37			55	Steam	1				S.D., Ins		
†American Telephone & Telegraph Co	Telephone	46	37			48	Steam		2			Ins		
American Tent & Awning Co	Tents and awnings	6	10			54							A	Good.
†American Toilet Supply Co	Toilet supplies	5				52								
American Valve Co	Toilet valves	3				55							B	
†American Warming & Ventilating Co	Heating, etc	5	1			54								
†Amt, J. Henry Co.	Pickles, etc	7	5			60	E. & S	1				S.D., Ins	A, B	Good.
†Anchor Printing Co	Printing	4	3	1		54								Good.
Anderson, R. L. & Co	Doors and window screens	4				44							A	
†Aneshaensel & Co	Plumbing	8				44								
†Anheuser-Busch Brewing Assn	Beer	24				54	Steam	1				S.D., Ins	H	
†Apex Theatre	Moving pictures	3	3			21								
†Aquos Distilled Water Co	Distilled water	8	1	1		55, 60	Steam	1				Ins	H	
*Armstrong Laundry Co	Laundry	11	51	1	2	50	Steam	1				S. D		

INDIANAPOLIS, MARION COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Art Press	Printers	10	2			48							B	Good
*Artificial Ice & Cold Storage Co., The	Ice	15				60	Steam	3	2			S.D., Ins	H	
†Arsman, E. J. & Co	Fruits and produce	8	1			48, 60								Good
†Associated Press, The	News	11		2										
†Atkins, E. C. & Co., Inc	Saws	879	34	23	2	45, 54	E & S	1	5	1		S.D, Ins	A, E, H	Good
†Atlas Paper Co	Paper	9	1			50, 55	Elec							
†Aultman & Taylor Machinery Co	Machinery	8				50	Elec							
†Auto Specialty Mfg. Co	Auto bodies	23	2			50, 55	Elec							
†Avelon Hotel	Hotel		1			48								
†Avenue Hotel	Hotel	1	1			50, 84								
†Avery Company	Selling implements	5	2			48	Elec							
†Ayres, L. S. & Co	Department store	130	376	19	61	54	Elec							
†Bachman, V	Flour	8	1			52, 64	E. & S		1			S.D., Ins	H	
†Bachman, F. M. Co	Lumber	22				58	E. & S	1	1			S. D	A, B	Good
†Badger Furniture Co	Furniture, etc	34	11			45	Elec							
*Bailey's Steam Table Lunch	Lunch	4	5			56								
†Baker Overall Co	Overalls	1	39			48	Elec							Good
*Baldwin Company, The	Musical instruments	52	9			48, 54								
†Baldwin-Miller Company	Jewelry	10	3			48								
†Balke & Krauss Co	Planing mill	29				60	Steam	1				Ins	H	Good
†Ballard Ice Cream Co	Ice cream	40				60	Elec							
†Ballweg & Co	Wooden boxes	17				55	Steam	2				S.D., Ins	A, B	
†Baltimore Dairy Lunch	Dairy lunch	32	2			74								
†Bank Furniture Co	Office furniture	23				50	E. & Htg	1				S.D., Ins	B	
†Barry Saw Co	Saws	5				47½	Steam	1				S.D., Ins	H	
†Bartlett, W. M., Jr	Teas and coffees	21	2			48, 60								
*Barton, W. E	Insurance	5	4		1	48								
†Barton & Barton	Dairy lunch	8	1			70, 73½								
†Bass, W. H. Photo Co	Photographers	5	3			51, 54								
† ‡Bates Drop Forge Co	Forgings	25				55	E. & S	2				S. D	H	
*Bates Hotel	Hotel	4	2			42, 66								
†Beard & Co	Furniture	5	1			54, 60								
Beck's Livery	Livery	9				70								
†Bedford Stone & Construction Co	Stone	300				48	Elec						A	

†Beech Grove Traction Co	Traction line	8												
†Bee Hive Paper Box Co	Paper boxes	21	58	1		58½	Steam	1					A, C, E	Good
†Beekrich Bros	Grocery and meats	8	2			55, 68								
†Belt Elevator & Feed Co	Hay, grain and feed	6				60	Elec							
†Belt Railroad & Stock Yards Co	Stock yards	160				72	Steam	4				S.D., Ins	H	
†Bemis Indianapolis Bag Co	Burlap and paper bags	80	82		78	54	E. & S	3				S.D., Ins	A, B, H	Good
†Benedict & Co	Catering	19	13			54								
†Ben Hur Hotel	Hotel	5	6			54, 70								
†Bennett, W. S. & Co	Building supplies	19	1			54, 58								
†Bennett-Swain Co	Clothing	7	1			58								
†Berland Sample Shoe Shop	Retail shoes	3	3			48								
†Bernd, Peter & Son	Vehicles	15				60	Elec							
†Bernd Bros. Co	Vehicles	24				60	Elec							
†Berterman Bros	Florists	26		4		57, 60	Steam	1						
†Bessire & Co	Bakery	26	13			60	Steam	1					E	Good
†Best Laundry	Laundry	25	72			54	E. & S	1		1		S.D., Ins	A, H	Good
†Beveridge Paper Co., The	Paper	70	6			60	Steam		4			S.D., Ins	H	
†Beyer, E. A	Tailoring	9	9	1		57								
†Big Four Crushed Stone Co	Stone	25				60	Steam	1						
Big Four Railway Co	Round house						Steam	3	3	1		S.D.,B.M.		
†Bijou Theatre	Moving pictures	5	1			54								
Bills & Boettcher	Meat market						Steam	2				Ins	H	
†Binager & Reinert	Brooms	10				44	Elec							
†Bismark Cafe	Saloon and cafe	9	2			60								
†Blacherne Apartments	Apartments	9	1			60	Elec							
†Black, Frank M	Millinery, etc	1	12			54, 60								
†Blair-Baker Horse Co	Selling horses	25				66								
†Blake Theatre	Moving pictures	1	2			18								
Blakley Granite Co	Tombstones	3				48								Good
†‡Blanton Milling Co	Flour mill	13	1			50, 60	Steam	1				S.D., Ins	H	
†Block, Wm. H. Co., The	Department store	280	555	22	95	54								
†Bloemker, E. F	Grocery and meats	7	1			54, 66								
†Blue Front Restaurant	Restaurant	4	5			70								
†Blue Valley Creamery Co	Creamery	35	41			48								
Blumberg, John	Produce	3	1			60								Good
†Blumbein, Louis P	Barber	16				66								
†Bobbs-Merrill Company, The	Publishers	60	61		2	47								
†Bond's Restaurant	Restaurant	3	4			63								
†Bonham Garment Co	Laundry	14	36			57	Steam	2				Ins		
*Booth Fisheries Co	Fish and oysters	13	1			48, 60							D	Good
*Boston Dairy Lunch	Dairy lunch	8	5											
†Bour Company, The	Teas and coffee	5				48								
†Bowman, A. L. & Co	Sewer pipe, etc	4	1			48								
†Boyd, R. C	Restaurant	4	6			60								
†Braden, David C. & Co	Tailoring	4	1			54								
†Bradstreet Company	Mercantile agency	10	21			48								
†Bramwood Company	Printing	8	2			48								
†Brandt Bros	Contractors	22				44½								
*Brannum-Keene Lumber Co	Lumber	46	4			48, 54	Steam	1				S.D., Ins	H	
Braun Julius	Printing	4				44½							A	Good

INDIANAPOLIS, MARION COUNTY—Continued.

Name or Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Breeding's New Lyric Barber Shop	Barber	15	1			40, 65								
†Bretzman, Chas. F	Photography	5	4			50								
†Bright, John B. & Son	Wholesale coffee	7	3			52	Elec							
†Brinker & Habeny, Inc	Cigar boxes	7	6			50	E. & S	1				S.D., Eng		Good.
*Broad Ripple Lumber Co	Lumber and coal	7				55								
†Brookside Lumber Co	Lumber	14				55								
†Brosnan, Daniel D. Co	Cloaks and suits	3	10			54								
*Brosnan, John D., Cloak & Suit Co	Cloaks and suits	6	13			54								
†Browder Ice Cream Co	Ice cream	9	1			59, 60	Steam	1				S.D., Eng		
†Brown Bros	Atattoir.	44	4			48, 60	E. & S	2				S.D	B, H	Good.
†Brown-Manly Plow Co.	Selling plows	4	1			48								
†Brown River Sand & Supply Co	Sand and gravel	30					Steam	1						
†Brown, Raymond D. Shoe Store	Shoes	11	2			54, 58								
†Bryant & Son	Transfer	10				60								
†Bryce Baking Co	Bakery	83	8			50, 54	Steam	1				Ins	A H	Good.
†Buchanan, Jos. W	Wagons and auto repairing	19	1			55	Elec						A	
Buchanan Studio	Decorating china												E	
†Buckingham, The	Apartments	2	7			48	Heating	2				Ins		
†Buddenbaum Lumber Co., The	Planing mill	10				40, 50	Gas						A, B	Good.
*Budweiser Cafe & Bar	Saloon and restaurant	25				54								
*Buick Motor Co	Automobiles	23	1			54	E. & S			1		Ins		
†Builders Real Estate Co	Architects and builders	20				53								
†Builders Supply Corporation	Hardware, etc	14	2			60	Elec							
†Bull & Bear Cafe	Saloon and cafe	5												
Bundy & Stone	Vulcanizing	2				60	Steam			1		S. D	B	Good.
†Burdsal, A. Co	Paints	35	5			55	Steam	1				S.D., Ins	H	
†Burford, Wm. B	Printing, etc	138	35	6	7	48	E. & S	2				Ins	H	
†Burkhardt Bros. Co., The	Mens clothing	5	1			54								
Burkhart, Anna, Administratrix	Theatre						Steam				2	Ins	H	
†Burnet-Lewis Lumber Co	Lumber	49	1			57							A, B	
†Buschman, Aug. & Sons	Hardware, etc	21	3			44, 54								
Butler University	University						Steam	4				Ins	H	
†Byram Foundry Co	Foundry	99	1			54	Steam	1				Ins		
‡Cabinet Makers Union	Dining tables						Steam	2				S.D., Ins	H	

†Cadillac Auto Co. of America	Automobiles	18	4			48, 54								
†California House	Hotel	5	2											
†Campbell Circular Advertising Co	Circular advertising	14	6			49½	Elec							
†Campbell-Maddux Co	Haberdashery	4	1			60								
†Capitol Body Co	Auto bodies	24	1			58½	Steam	2				S. D	B	Good
†Capitol City Boiler & Sheet Iron Works	Boiler repairs	12				50	E. & G							
†Capitol City Brewing Co	Brewery	65	3			48	E. & S		3			S.D., Ins	H	
†Capitol House	Hotel	1	2											
†Capitol Lumber Co	Planing mill	82	2			45, 48	E. & S	2				S.D., Ins	A, B	Good
†Capitol Machine Co	Machinery	22				55½	E. & S	1				Ins		
†Capitol Millinery Co	Millinery	5				48								
*Capitol Paper Co	Paper	14	4			54, 60	Elec							
*Capitol Plating Co	Plating	10				44								
†Capitol Printing Co	Printing	11	3			48								
*Capitol Rattan Co	Furniture	75	8	6	2	60	Steam	3				S.D., Ins	B	
‡†Capitol Veneer Co	Veneer	17				58	Steam	2				S. D	H	
†Carlin Music Co	Musical instruments	22	1			48, 54								
†Carman & Fryer	Electrical repairs	19	1			44								
†Carpenter's Lunch Room	Restaurant	5	5			84								
†Carr, Chas. C. Co	Athletic goods	8	27			48								Good
*Carter, Lee & Co	Planing mill	22				54	Steam	1				S.D., Ins		
†Case, J. I., Threshing Machine Co	Threshers, etc	10				54	Elec							
†Castle, The	Moving pictures	1	1			21								
Central Auto Top Co	Auto tops	3	1			45							A, D	Good
‡Central Boiler & Sheet Iron Works	Boilers						Steam	1		1		S.D., Ins	H	
†Central Business College	College	5	5			48	Steam	1						
†Central City Publishing Co	Publishing	16	1	1		54, 48								
†Central Film Service Co	Motion picture films	20	10			54	Elec							
†Central Garage Co	Garage	8				60								
Central Hospital for Insane	Hospital						Steam		8			S.D., Ins		
†Central Machine Works	Machinery	11		1		50	Elec							
†Central Public Warehouse Co	Warehouse	6	2			50, 58½								
†Central States Bridge Co	Bridges	74	1			48, 60	Steam	2				S.D., Ins	B, H	Good
†Central Supply Co	Plumbing supplies	55	4			47½50½	Elec							
†Central Union Telephone Co	Telephone	920	1,095		87	48								
†Central Veneer Co	Veneers	20				55	Steam	2				S.D., Ins	H	
Central Wire & Iron	Iron	4				55							A, B	Good
†Century Biscuit Co	Bakery	89	72	10	45	54, 60	Steam	1				Ins	H	
†Century Building Co., The	Power building	9				60	E. & S		3			Ins	H	
†Chamber of Commerce	Club	36	10			50, 60								
†Chamberlin Metal Weather Strip Co	Weather strip	9	1			45, 48								
†Chandler & Taylor Co	Boilers and engines	176	4			50, 55	Steam	3		1		S.D., Ins		
Chandler, Geo. M	Machinery						Steam			1		S. D		
†Chapman Steel Co	Sheet galvanizing	18				72	E. & S	1		1		S.D., Ins	H	
†Charley's Restaurant & Lunch Room	Restaurant	5	2			49, 65								
Chartrand, Rev. Jos	School and church						Steam	2		2		Ins	H	
†Cheltenham-Aetna Press, The	Printing	51	19	4	5	48	Elec						B	Good
*Cheyne Electric Co., The	Electrical	9	1			48								
†Chicago Hotel	Hotel		1			37								
†Chief Mfg. Co	Machinery	6				50								

INDIANAPOLIS, MARION COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Christie Machine Co	Repairing	3				50							A, B	
†Citizens Gas Co. of Indianapolis	Gas	307	8			48, 72	E. & S.		5	3		S.D., Ins.	H	
†Citizens Relief Ice Co	Ice	18	1			48, 60								
†City Club	Saloon	5												
City Ice & Coal Co	Ice and coal	10					Steam	4						
City of Indianapolis	Asphalt plant						Steam	1				S.D., Ins.	H	
City of Indianapolis	City hall						Steam	2				Ins		
City of Indianapolis	Hospital						Steam		3			Ins		
City of Indianapolis	Library						Steam				1	Ins		
City of Indianapolis	Police station						Steam	1				Ins	H	
City of Indianapolis	Schools						Steam	69			25	Ins	H	
City of Indianapolis	Tomlinson Hall						Steam	4				Ins	H	
†Claman Bros	Teas and coffees	19	1			60								
†Clarke Bros	Plumbing	19	1										A	Good
†Clark & Roberts Co	Metal surgical furniture	34	1			50, 55	E. & S.	1				S.D., Ins.		
†Classic Theatre	Moving pictures	1	2			21								
†Claypool Hotel	Hotel	256	94			63	Steam		3			Ins., S.D.	H	
†Claypool, Newton, Barber Shop	Barber shop	10	1			52								
†Claypool, Newton, Building	Office building	17	11			54	Steam		2					
†Clay Worker, The	Publishing	4	4			48	Elec							
†Cleary & Keuert	Contractors	75				60								
†C. C. C. & St. L. Ry. Co	Railroad	9,992	151			56								
*Cleveland Grain Co	Grain	23	1			60	Steam	3				Ins	H	
†Climax Coffee & Baking Pwd. Co., The	Coffee and baking powder	17	15		5	51, 53½	Steam	1		1		Ins	A, B, H	
†Climax Machinery Company	Machinery	64	1	25		54	Steam	2				S.D., Ins.	A, H	Good
†Clune, M. Co	Upholstering	22	3			25	E. & S.	1				Ins	H	
†Cobb, Geo. M. Co	Insurance	5	5			54								
†Coburn, Henry, Storage & Warehouse Co	Warehouse	39	1			45, 50								
†Coca-Cola Bottling Works	Coca-Cola	8	1			48, 54	Elec						D	Good
†Cole Motor Car Co	Automobiles	270	30			50, 55	E. & S.			1		S. D	A, B, C	
†Colonial Hotel Co	Hotel	15	5											
†Columbia Club	Club	95	15			60	Steam	2				Ins	H	
†Columbia Conserve Co., The	Catsup, etc	60	30		10	44, 55	E. & S.	4				S.D., Ins.	B, H	Good
†Columbia Graphophone Co	Graphophones	6	2			54								

†Columbia Grocery Co	Grocery	48	20			48, 60								
†Columbia Harness Co	Harness	20				55	Elec							
†Columbia School Supply Co	School supplies	81	5	1	1	47, 54	Steam	1				S. D		
†Columbia Theatre	Theatrical	36	4			48								
Commissioners Marion County	Childrens' Guardian's Home						Steam	2				Ins		
Commissioners Marion County	Poor farm						Steam	3				Ins	H	
Compeer Cigar Co	Cigars	240	60			48	Elec						A, D, E	Good
†Cones, C. B. & Son Mfg. Co., The	Overalls, etc	25	325			48	Elec						E	
†Connaughton, John P	Boilers and sheet iron	12	1			49½								
†Conner's, Walk Over Boot Shop	Shoes	5	1			54								
Conrad, O. J	Ladies' skirts	7	12			57½								Good
†Consumers Ice Co	Ice	22	3			54, 60								
†Continental National Bank	Banking	18	3			50								
*Cook Bros	Plumbing and heating	5				44								
Coonse & Caylor Ice Co	Ice	27					Steam		4			S. D	H	
†Cory & Willsey	Merchant tailor	2	3			54								
†Coppock Bros	Decorators	9	1			44, 60								
†Cornelius Printing Co	Printing	18	6			48	Elec							
†Cosmo	Moving pictures		1			14								
†Cottage Construction Co	Building houses	9				60								
*Coughlin, Cora B	Dressmaking		10			54								
Craft, A. P. Co., The	Manufacturing jewelers	22	3			54								Good
†Craig Hotel	Hotel	2	2			56, 60								
†Crane Company	Mill supplies	115	12			47, 54	Elec							
Crescent Oil Company	Oil	7					Steam			1		S.D., Ins	H	
†Crescent Paper Company	Paper	35	11			56	Elec							
†Crescent Soap Company	Soap	6	19			58	Steam	1					A	Good
†Crowder-Cooper Shoe Co	Shoes	16	2			50								Good
†Crown Chemical Co	Washing powder	2	3			55	Steam			1				
†Crown Garden Theatre	Theatrical	5	2			14								
†Crown Laundry Co	Laundry	15	35			54	Steam	2				Ins	H	
†Crucible Steel Co. of America	Selling agency	5	1											
†Cruse, J. S. Realty Co	Real estate	11	2			54, 57								
†Cummins, G. W. & Co	Fruits and produce	7	2			60								Good
†Cummings & Fitzgerald	Printing	6				48	Elec							
†Curme-Feltman Shoe Co	Shoes	29	5	4	1	48								
†Curry, Frank L	Barber	22												
†Cusack, Thomas Co	Sign painters	43	2			48								Good
†Crystal Theatre	Moving pictures	5	3			48								
†Darmody, J. F. Company, The	Confectionery	57	103	15		59	E. & S	2				Ins	A, D, H	Good
Dawson Produce Co	Fruits and vegetables	4	1			68								Good
†Day, Thos. C. & Co	Fire insurance	5	3			48							K	
†Dean Bros. Steam Pump Works	Pumping machinery	169	6			49, 59½	E. & S	2				S.D., Ins	A, B, H	Good
†De Haven & Co	Wall paper	15				60								
†Delano, The	Apartments	2	3			72								
†Delaware Garage Co	Garage	7	1			57								
†Dell, Frank M	Coal, etc	10				60								Good
†Denges, Henry W. & Co	Plumbing, etc	5				47								
†Deere, John, Plow Co. of Indianapolis	Implements	56	3			50, 60	E. & S			1				
†Deschler, Louis G. Co	Cigars	29	4			54								

INDIANAPOLIS, MARION COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Deschler, J. & Co							Steam	1				Ins	H	
Detch, Geo. C. Wheel Co	Bicycles and motorcycles	4				60								Good
†Devil's Cafe, The	Restaurant	2	5			56								
†Diamond Chain & Mfg. Co	Sprocket chains	150	150			52½	E. & S.	1				S.D., Ins.	A, H	Good
†Dietz, Fred Co., The	Packing boxes, etc	25				55, 58	Steam		1			S.D., Ins.	H	
*Diggle, J. A	Plumbing and heating	8				44								
†Dilling & Company	Confectioners	51	89			54	Steam	2				S. D	A, D	Good
†Dockwiler & Kingsbury	Fertilizers	8				50	Elec							
†Dolmetsch, E. C. Co., The	Toys and stationery	22	1			52								
†Donahue & Eaton	Cigar jobbers	9	1											
†Dorsett & Stinnett	Barbers	5				72								
Downs, John P	Abattoir	5					Steam	1				Ins		
†Downweight Tea Store	Grocery	5	1			48, 60								
†Dressel, John	Saloon and cafe	9				54								
Duckwall Belting & Hose Co	Leather goods	8	1			58								Good
†Dunn, J. C. Co	Plumbing and heating	5				44								
†Dyer, C. B., Inc	Jewelers	1	3	1		54, 57	Elec							
†Dynes, Pohlman Lumber Co	Lumber	23	1			58	Elec							
†Eaglesfield & Shepard	Hardwood lumber	9	1			44, 55								
*Eaglesfield-Stewart Co	Hardwaood lumber	9		3		50	E. & S.	1				S.D., Ins.	A, B, H	Good
†Eastman Garment Cleaning Co	Cleaning and dyeing	7				60								
Eastman, J. D. & Co	Cleaning and dyeing						Steam	1				S.D., Ins.	H	
†Eastman, Joseph, Hospital, The	Hospital	2	5											
†Eastern Rock Island Plow Co	Agricultural implements	22	4			50								
†Eberhardt & Co	Tents and awnings	9	12			50, 58								
†Eclipse Mercantile Co	House furnishings	9	1			50								
†Edward Cafe	Restaurant	6	6			60								
*Efroymson & Wolf	Department store	59	69	2	15	57	E. & S.	1				Ins		
†Elgin Dairy Co	Wholesale produce	7				60								
†Emerald Theatre	Moving pictures	4	1			14								
†Emerson-Brantingham Implement Co	Implements, etc	16	4			50, 60								
*Empire Health & Accident Insurance Co	Insurance	10				48								
†Emerich Furniture Company	Furniture	75	3			58, 50	Steam	3				S.D., Ins.	A, H	Good
English, Wm. E	English Hotel						Steam		3			Ins	H	

†Ent, O. B.	Brick contractor	20				44								
†Enterprise Iron Works	Iron fences, etc	77	3			50, 60	Elec						A, B	Good.
†Equity Publishing Co	Publishing	10	9	2	1	51	Elec							
†Esterline Co., The	Dynamos	154	19	3	5	55	Elec						A, B	Good.
†Eureka Airdome	Moving pictures	1	1			25								
†Evans Milling Co	Corn milling	60				60	E. & S		3			S.D., Ins.	A, F, H	Good.
†Excelsior Laundry	Laundry	65	25			52	E. & S	1				Ins	A, B	Good.
†Express Parcel Delivery	Transfer	22	1			48, 60								
Factory Hat Store Co	Manufacturing hats	3	1			50							E	Good.
*Fahnley & McCrea Millinery Co	Millinery	55	75	2	3	52	E. & S			1		Ins	H	
†Fairbanks, Morse & Co	Machinery	28	2			50								
†Fairbanks, Morse, Electrical Mfg. Co	Electrical machinery	290	25		8	56	E. & S	3				S.D., Ins.	A, B, H	Good.
†Fairmount Glass Works	Glass bottles	250	2	40		54	E. & S	1	2			S.D., Ins.	H	
†Family Theatre	Theatrical	10	1			32								
†Farmers Trust Co	Banking	22	8			50, 54								
†Favorite Dairy Lunch	Restaurant	2	5			65								
Federal Engraving Co	Engravers	3	3			48							A	Good.
†Federal Hotel	Hotel	2	1			42, 66								
†Federal Livery & Transfer Co	Livery and transfer	10				84								
*Federal Motor Works	Automobile parts	326	7			48, 55	E. & S	2				S.D., Ins.	A, E, H	Good.
†Fertig & Kevers	Painting	35				45								
†Fidelity & Casualty Co. of New York	Insurance	9	5			39								
†Fidelity Trust Co	Trust company	6	3		1	47, 52								
†Fieber & Reilly	Insurance, etc	4	3			48, 50								
†Firestone Tire & Rubber Co. of New York	Tires, etc	14	7			48, 54	Elec							
First Baptist Church	Church						Steam				1	Ins	H	
Fisher, Carl J. Co	Automobiles	8	2			54								Good.
†Fisk Rubber Co. of New York	Auto tires	9	3			48, 54	Steam		1			Ins		
†Fitch, A. M. & Co	Chewing gum	6	10			58	Steam	1				Ins	H	
†Fleischman, The Co	Yeast	46	12		2	48								
†Fletcher-American Bank	Banking	78	7	4		45								
Fletcher, Dr. W. B., Sanitarium	Sanitarium						Steam	2				S.D., Ins.	H	
†Fletcher Saving & Trust Co	Banking	45	18			48								
†Florea, P. S	Advertising	10				50								Good.
†Florsheim Co., The	Men's shoes	4	1			57								
†Ford Motor Co	Automobiles	56	3			54								
†Forster, J. G	Patterns	15				44							B, F	Good.
†Fort, Geo. W	Hotel and saloon	5	3											
†Francis Pharmacy Co	Drugs	10	3			52, 75								
†Franco-American Co	Cleaning and dyeing	5	4	1		54, 60	Elec							
†French Steam Dye Works	Cleaning and dyeing	10	8			57	Steam	1				Ins	H	
†Frye, W. S	Transfer	20												
†Fulton Office Furniture Co	Office furniture	8	1			54								
†Furnas, R. W., Ice Cream Co	Ice cream	45	3			54, 63	Steam	3				S.D., Ins.	H	
†Furnas Office & Bank Furniture Co	Furniture	90				55	E. & S	1				S.D., Ins.	H	
†G. & J. Tire Co	Rubber tire	913	47			55	E. & S		2			S.D., Ins.	A, H	Good.
†Gall, Albert Co., The	Carpets, etc	26	4			54								Good.
†Gausberg-Shirk Lumber Co	Lumber	10				54								
†Garden Theatre	Moving pictures	1	2			18								
†Gardner, C. J.	Wholesale meats	28				58	Steam	2				S.D., Ins.	H	

INDIANAPOLIS, MARION COUNTY—Continued.

Name of Firm or Establishment	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Gardner, Jos	Tin work	20	1			45								
†Garrick Theatre	Moving pictures	2	3			21								
†Garstang Fuel Co	Coal	48	2			48, 60								
†Gates, F. E., Marble & Tile Co	Contractors	49	1			44								
†Gates Mfg. Co	Auto tops, etc	4	6			49								
†Gates, McClellan Hotel Co	Hotel						Steam	2				Ins	H	
†Gausepohl, E. J. & Co	Trunks, etc	6	1			54, 60								
†Gavin, Joseph	Barber shop	6				79								
†Gaiety Theatre	Moving pictures	4	2			25								
†Geddes-Brown Shoe Co	Wholesale shoes	17	2			53							E	Good
†Geiger, Leonard	Confectionery	7	18			57								
†Geiger-Fishback Co	Coffees, teas, spices	14	10			59								
†Geiger & Peters	Iron and wire	24		1		57	Elec						A	Good
†Gem Hotel	Hotel	1	1			35, 84								
†Gem Laundry Co	Laundry	10	30			50, 55								
†Gem Theatre	Moving pictures	3	2			70								
†General Industrial & Mfg. Co	Furnishing power	12	2			60	E. & S	4	2			S.D., Ins		
*Geneva Laundry	Laundry	7	20			54, 57	Steam	1				Ins	H	
†German Fire Insurance Co	Insurance	21	7			45								
German General Protestant Orphan Assn	Orphan home						Steam	2				Ins	H	
†Germania Hall Bar	Saloon	5				60								
†Gibson Automobile Co	Automobiles	15	8			54								
†Giffin, Edna M	Dressmaker	12												
†Gillette, C. H	Vehicle woodwork	30	1			50	Steam	2				S.D., Ins	H	
*Gleason's Home Made Pie Bakery	Pie bakery	7	2		2	50, 60								
†Glenalba Cafe	Restaurant	1	13			78								
†Glover Equipment Co	Auto tops	15	15			50								
†Goepper, Fred	Coal, lime, etc	20				60								
Goldstein Bros	Department store	17	48			60								Good
†Goodrich, B. F. Co	Rubber	27	8			48	E. & S			1		Ins	H	
†Goodyear Tire & Rubber Co	Rubber	20	7			60								
†Grain Dealers Nat'l. Mutual Fire Ins. Co	Insurance	8	2			42								
†Grand Lodge K. of P. of Indiana	Lodge	20	1			60	Steam		2			Ins		
†Graves, Nave & Co	Stock commission	6												

†Great Atlantic & Pacific Tea Co	Tea and coffee	52	4			45, 54								
†Great Western Oil Co	Wholesale oil	14	2			54, 48	Elec							
†Green, Thos. L	Manufacturing biscuit machinery	35	1			48, 56	Gas							
†Gregg & Son	Dyers and cleaners	20	10			60, 54								
†Gregory & Appel	Real estate and insurance	10	2			48, 50								
†Griffith Bros	Wholesale millinery	25	40			48	Elec							
†Grocers Baking Co	Wholesale bakery	73	7			58, 60	Steam	1						
†Grocers Supply Co	Manufacturing grocers specialties	12	3			54	Elec							
†Gross, Al. H. Co	Manufacturing shirt waists	2	32		1	49½								
†Grube, D. & Son	Lumber and coal	10				60								
†Guedelhoefer, Jno., Wagon Co	Manufacturing of wagons	23	2		2	44, 55	Elec							
Gusdorf, S. M. & Co	Tannery	13					Steam	1				S. D		
†Gutenberg Co	Printing	18		2		48							B	
†Gutzwiller, Carl & Sons	Grocery and bakery	8												
*H. K. Elec. Toy Co., The	Manufacturing toys	1	3	3		54½	Elec						B	
†Haag, Julius	Drugs	8				63								
†Haas & Richardson	Confections	6	4		2	54								
†Habich, C. Co	Bottle beer and soda water	17				48	Elec							
†Habich, Gus	Sporting goods	17	2			48, 60	Elec							
†Habig Bros	Flour and feed	6												
†Hackedorn Contracting Co	Contractors	7	1			48, 60								
†‡Hagleskamp Bros. & Haverskamp	Canning vegetables	10	20			40, 48	Steam	2				Ins., S.D	H	
†Haines, C. B. & Co	Plumbing	7	1			44								
†Hall, Ed. L., Umbrella Co	Umbrellas	2	4			48								
†Hall-Curry Construction Co	Contractors	10				54								
†Hamilton & Harris	Wholesale cigars and tobacco	19	4			46	Elec							
†Hamilton Lumber Co	Retail lumber	10				60	Steam	1				Ins., S.D	H	
†Hamilton Storage Co	Transfer and storage	12				60								
Hampton Mfg. Co							Steam			1		Ins		
†Hampton Printing Co	Printing	20	10			48								
†Hannah Barber Shop	Barber shop	5				60								
†‡Harbottle Knitting Co	Manufacturing underwear	15	100			58	Steam	1				Ins., S.D	H	
†Harkrader, Mrs. G. W	Millinery	1	4			60								
†Harmon & Hall	Hardware, implements, etc	22	3	1		54							A	
†Harrington & Folger	Printing	11	5	4		48							A, B	
†Harris Air Pump Co	Manufacturing air pumps	13	2			48								
†Hart, J. C. Co	Retail shoes	8	1			54, 57								
†Hartford Steam Boiler Inspection & Ins. Co	Insuring and inspecting boilers	8	1			35, 48								
†Hartman, Chas. L	Retail furniture	10	4			54, 60								
†‡Howard Laundry Co	Laundry	12	36			55	Steam	1				Ins., S.D	A, B, H	
†Hatfield Electric Co	Electrical contractors and supplies	41	2			48, 54								
†Hauger, Charles C. Co	Retail clothing	18	1											
*Haugh, J. Guy Co	Men's furnishings	20	15			48, 54								
†Havens & Geddes	Wholesale dry goods	96	10			45, 50	Steam	1				Ins	E, H	
†Haverstick Co., The	Book binding	5	3	1										
†Hayes Brothers, Inc	Plumbing and heating	39		1		44	Elec							
†Hayes Manufacturing Co	Manufacturing	50				54	Elec							
†Haynes Restaurant	Restaurant	4	8											
†Haywood Tire & Equipment Co	Tire repairs, etc	18	5			48, 57	Elec							
†Hazleton Hotel	Hotel	2	1			50, 60								

INDIANAPOLIS, MARION COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Hearsey-Willis Co	Automobiles, etc	25	4	2		54	Elec							
†Heitger Carbureter Co	Manufacturing carbureters	6		1		50	Elec						B	
†Heller, E. E. & Co	Coal dealers	6				60								
Heuck's Opera House Co	Theatre						Steam	1				Ins	H	
†Henderson Motor Car Co	Manufacturing automobiles	90	10		2	48, 55	Steam	1				Ins	A, B, H	
†Hendricks Novelty Co	Manufacturing magnetos	23	7	1		55							A, B	
†Hendrickson & Stodghill	Dairy lunch	4	1			84								
†Hercules Electric Co	Manufacturing magnetos	32	3			56							A, B	
*Herman, B. H. & Co	Manufacturing picture frames, etc	7	3			54, 60	Elec							
†Herriott, Mrs. W. M. & Son	Dental supplies, etc	31	1	1	1	48								
†Hetherington & Berner	Manufacturing iron and steel	124	1			40, 50	Steam	3				Ins., S.D		
†Hibben, Hollweg & Co	Wholesale dry goods, etc	150		5		50								
†Hide, Leather & Belting Co	Manufacturing belting, etc	39	3			55, 60	Steam	1				Ins	H	
Hilgemeier Bros	Pork packing	35					Steam	2				S. D		
†Hill, F. Coal Co	Coal and coke	7				60								
†Hill Hotel	Hotel		3			54								
†Hill Top Theatre	Moving pictures	3	2			21								
†Hirschman, J. G. Co	Manufacturing mattresses, etc	23	6			48	Elec						B	
*Hitz, Geo. & Co	Wholesale fruits, etc	38	2			60, 70	Elec							
*Hobart-Mathews Co	Coal and building material	6				60								
Hoffman, Geo. Wm. Co	Manufacturing metal polish	5	15			58	Steam			1		Ins		
*Hogan Transfer & Storage Co	Transfer amd storage	20				60								
†Holcomb, J. I. Mfg. Co	Manufacturing brushes, etc	10	6			55	Elec						B	
†Holcomb & Hoke Mfg. Co	Manufacturing specialties	25	6	1		50, 55	Steam	2					A, B	
†Holliday, W. J. & Co	Heavy hardware	79	5			48, 60	Elec							
†Hollweg & Reese	Wholesale glassware, etc	63	7	3		50, 55								
Holt Ice & Cold Storage Co	Ice and cold storage	25					Steam		3			Ins., S.D	H	
†Home Brewing Co	Brewery	80				48	Steam		3			Ins., S.D	B, H	
†Home Furniture & Carpet Co	Furniture, etc	12	2			60								
*Home Insurance Agency of Indiana	Insurance, etc	5	3											
†Home Lumber & Supply Co	Lumber, etc	10				52								
Home Merchants Trading Assn	Trading stamps	20				48								
†Home Stove Co	Manufacturing stoves	139	1	3		48, 54	Steam	2				Ins., S.D	H	
*Hook Drug Co	Retail drugs	20	4	5	1	63, 80								

*Hoosier Casualty Co	Insurance	2	6			44								
Hoosier City Boiler Mfg. Co	Manufacturing boilers	20					Steam	1			S. D	A, B		
Hoosier Investment Co							Steam	2			Ins	H		
†Hoosier Kitchen	Restaurant	1	5			56								
†Hoosier Laundry Co	Laundry	12	36			54	Steam	1						
†Hoosier Veneer Co	Sawed veneer	53				63	Steam	5			Ins., S. D.	H		
*Horuff & Son	Retail shoes	6				60								
†Hotel Albert	Hotel	4	3			52								
†Hotel Braden	Hotel		2			72								
†Hotel Edward	Hotel	22	8			49, 56								
*Hotel Metropole	Hotel	5	5			54	Steam	3			Ins			
†Hotel Roma	Hotel		2			72								
†Hotel State	Hotel		3			50								
†Howard Carpet Cleaning & Mfg. Co	Cleaning and manufacturing	4	1			60								
†Hoy, Ford Co	Grocery and meat market	6	1			60, 66								
†Huder, Henry J	Drugs	21	4	8		63, 70								
†Huetter Machine & Tool Co	Machine shop	6				50								
*Hoffman, W. D. Co	Packing food products	20	20			54	Steam	1			Ins., S.D.	H		
†Hughes, A. J	Barber shop	5				86								
†Humphreys & Sargent	Roofing	9	1			48								
†Hunt, E. A	Barber shop	8				84								
Hunt, Mary C., Et Al	Soap manufacturing	3					Steam	1			Ins., S.D.	H		
†Hurst, L. J	Manufacturing toys	4	5			50								
†Hurt, L. F., Furniture Co	Retail furniture	7	1			48, 54								
Hurty & Peck Co	Manufacturing extracts	12					Steam	1			Ins., S.D.			
Hussy-Binn Shovel Co	Manufacturing shovels						Steam	2			Ins			
†Hutchinson, Albert	House furnishings	6	1			60								
†Ideal Dairy Lunch	Dairy lunch	7				72								
†Ideal Furniture Co	Retail furniture, etc	12	2			54								
*Ideal Laundry	Laundry	3	5			50						A		
Illinois Dairy Lunch	Dairy lunch	5	4			56								
†Illinois House	Hotel	4	5			54								
†Illinois Theatre	Moving pictures	5	2			48								
†Imperial Theatre	Moving pictures	2	2			14								
†I. O. O. F	Fraternal order	16	12			48	Steam		3		Ins			
†Indian Creek Coal & Mining Co	Mining coal	315				48								
†Indian Refining Co. of New York	Oil, etc	65	4			45, 60	Steam			1	S. D			
†Indiana Cooperage Co	Manufacturing cooperage	9				48	Steam	1			Ins., S.D.			
†Indiana Democratic Club	Social club	6				48								
Indiana Dry Goods Co	Dry goods	20	60	1	37	54								
†Indiana Electrotype Co	Engraving, etc	52	3			48	Elec							
Indiana Elevator Co	Grain elevator	8				48	Steam	2			S. D	A		
‡†Indiana Forging Co	Manufacturing carriage hardware	60	6			55	Steam	1			Eng.,S.D	A, B, H		
*Indiana Fuel Supply Co	Coal and building material	46	4			56								
Indiana Industrial Home for the Blind	Blind asylum	19	1			54	Steam	4			Ins			
Indiana Institute for Deaf & Dumb	Deaf and dumb asylum						Steam		2		Ins			
*Indiana Market Co	Grocery and meat market	6				62								
†Indiana Millers Insurance Co	Insurance	5	3			36								
†Indiana Mirror Mfg. Co	Manufacturing mirrors	17				59								
†Indiana Moulding Co	Manufacturing picture frames	14	11	1		54, 60						B		

INDIANAPOLIS, MARION COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Indiana National Bank	Banking	84	11			50								
†Indiana National Life Insurance Co	Life insurance	3	4			45								
†Indiana News Co	Wholesale newsdealers	19	3			49								
†Indiana Paper Co	Wholesale paper dealers	20	3			60								
†Indiana Precision Tool & Dye Works	Manufacturing tools and dyes	20				55								
†Indiana Reduction Co	Garbage	80				72	Steam	4				Ins	H	
†Indiana Refrigerating Co	Refrigeration	48				70	Steam		3			Ins., S.D.	H	
†Indiana Seed Co	Field seeds	6				57								
*Indiana State Bank	Banking	7	2	1		39								
Indiana State Board of Agriculture	Pumping station						Steam			1		Ins		
†Indiana Supply Co	Plumbers supplies	19	2			50								
†Indiana Tinware Co	Wholesale house furnishings	8	1			52								
Indiana Trust Co							Steam	2				Ins	H	
†Indiana Veneer & Lumber Co	Manufacturing veneers	58	2			46, 60	Steam	4				Ins., S.D.	H	
†Indiana Wall Paper Co	Wholesale and retail wall paper, etc.	8	2			48								
†Indianapolis Abattoir Co	Beef and pork packers	407	3			60	Steam	8				Ins., S.D.	B, H	
†Indianapolis Athletic Assn	Athletics	19	1			21, 48								
†Indianapolis Art Glass Co	Manufacturing art glass	7				52								
Indianapolis Auto Clearing House	Buying and selling autos	7	1			69							A	
†Indianapolis Bank & Store Fixture Co	Cabinet work	22				58								
†Indianapolis Belting & Supply Co	Mill supplies	19	2			50								
†Indianapolis Bleaching Co	Manufacturing cotton cloth	246	174			59	Steam		6			Ins., S.D.	A, B	
†Indianapolis Blue Print & Supply Co	Blue printing, etc	4	2			48								
†Indianapolis Board of Trade	Commerical club	14	8			33, 56	Steam	3				Ins		
†Indianapolis Book & Stationery Co	Books and stationery	11	1			55								
†Indianapolis Brass Company	Brass foundry	15				50	Elec						F	
*Indianapolis Brewing Co	Brewery	327	19			48	Steam		9			Ins., S.D.	H	
†Indianapolis Brush & Broom Mfg. Co	Manufacturing brushes and brooms	35	8			58							A, B	
†Indianapolis Candy Co	Manufacturing candies	22	63			55	Steam	2				Ins., S.D.	B, D, H	
Indianapolis Carpenters Union	Planing mill	45				50							A, B	
†Indianapolis Casket Co	Manufacturing caskets, etc	43	7			54	Steam	1				Ins	A, E, H	
†Indianapolis Chair & Furniture Co	Manufacturing chairs	215	6			50	Steam	3				Ins., S.D.	H	
†Indianapolis Coal Co	Coal and building material	125	2			48, 60								
*Indianapolis Conservatory of Music	School of music	8	12											

†Indianapolis Creamery	Wholesale ice cream and milk	15				65	Elec							
†Indianapolis Dash Co	Manufacturing dashes	60	10	2		60							A, B	
Indianapolis Drop Forging Co		90					Steam		2			Ins., S.D	H	
Indianapolis Electric Supply Co		17	4			42							C, F	
†Indianapolis Electrotype Foundry	Electrotyping	21				48	Elec							
†Indianapolis Elevator Co	Grain elevator	12		1		60	Steam	2				Ins	A, H	
†Indianapolis Engraving & Electrotyping Co.	Photo engravers	22	3			48	Elec							
†Indianapolis Fancy Grocery Co	Wholesale grocery	28	1			50								
Indianapolis Feather Co	Feathers	4	50			55							A, B	
†Indianapolis Federal Ball Club	Baseball	20				21								
†Indianapolis Flower & Plant Co	Horticulture	6	1	1		48, 60								
†Indianapolis Foundry Co	Gray iron castings	275	1	6		60	Steam	3				Ins., S.D	B, H	
Indianapolis Free Kindergarten							Steam	1				Ins	H	
†Indianapolis Gas Co	Manufacturing artificial gas	265	22			48, 84	Steam	3	6	1		Ins., S.D	A, H	
†Indianapolis Glove Co	Manufacturing gloves and mittens	25	375			49½	Elec							
†Indianapolis Grand Laundry	Laundry	12	60			54	Steam	2				Ins	H	
*Indianapolis Handle & Mfg. Co	Manufacturing handles	49	1			55	Steam	2				S. D		
†Indianapolis Hauling Co	Teaming	45	1			48								
*Indianapolis Leather Co	Scrap leather	10	5			60	Steam	2				S. D	H	
*Indianapolis Life Insurance Co	Insurance	2	7			44								
†Indianapolis Light & Heat Co	Heat, light and power	428	16			60	Steam		18			S.D., Ins	H	
†Indianapolis Lithograph Co	Lithographing and binding	3	1	1		53								
†Indianapolis Live Stock Journal & Ptg. Co.	Printing and publishing	7	1			48								
†Indianapolis Lumber Co	Planing mill and lumber	30				55	Steam	1				S. D		
†Indianapolis Mfrs. & Carpenters Union	Planing mill and lumber	50				45, 55	Steam		1			S. D		
Indianapolis Masonic Temple Assn							Steam	2				Ins	H	
†Indianapolis Metal Products Co	Aluminum die casting	20				45, 55							A, B	
†Indianapolis Motor Car Co	Manufacturing automobile trucks	10				60								
†Indianapolis Motor Speedway	Speedway	9	1			40, 60								
†Indianapolis News	Newspaper	288	37			48	Elec							
†Indianapolis Outfitting Co	Retail furniture	6	1			60								
Indianapolis Paint & Color Co	Manufacturing paint	38	6			60							A, B	
†Indianapolis Pattern Works	Manufacturing patterns	8				44	Elec							
†Indianapolis Poultry Co	Butter, eggs, poultry, etc	16	2			54, 66	Elec							
†Indianapolis Printing Co	Printing	8	6	1	1	48	Elec							
†Indianapolis Regalia Co	Lodge regalia	3	7			53								
†Indianapolis Saddlery Co	Wholesale saddlery	118	7			55	Elec							
*Indianapolis Sawed Veneer Co	Manufacturing veneers	10	1	4		50, 58	Steam	1				Ins., S.D	H	
Indianapolis Stove Co	Manufacturing stoves						Steam	2				Ins		
†Indianapolis Tailoring Co	Tailoring	18	23			57								
†Indianapolis Telephone Co	Telephone	80	93	1	54	48								
†Indianapolis Tent & Awning Co	Manufacturing tents and awnings	17	17			54	Elec						B, E	
†Indianapolis Terra Cotta Co	Manufacturing terra cotta	45				50	Steam	2				Ins	H	
†Indianapolis Toilet & Apron Supply Co	Toilet supplies	5	1			49								
†Indianapolis Tool & Mfg. Co	Machinists	16				50	Elec							
†Indianapolis Traction & Terminal Co	Street railway	1,814	63			48, 84	S. & E		22			Ins., S.D	H	
†Indianapolis Union Railway Co	Railway	622	6			45, 84	Steam	4	3			Ins., S.D	H	
†Indianapolis Varnish Co	Manufacturing varnishes	9	1			52	Elec							
‡†Indianapolis Water Co	Water service	220	5			45, 60	S. & E	2	8			Ins., S.D	H	
†Indianapolis Wire Bound Box Co	Manufacturing wire bound boxes	24	1	13		55	Elec						A, B	

INDIANAPOLIS, MARION COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Industrial Building													E	
†Insley Mfg. Co.	Manufacturing machinery	90	1			40, 54	Elec						A, B	
†Interior Hardwood Co.	Hardwood flooring, etc	70	1			55	Steam	4				Ins., S.D.	A, B, H	
†International Harvester Co. of America	Farm machinery	129	22			54								
*International Machine Tool Co.	Manufacturing machine tools	93	1			46, 55	S. & E.	1				S. D.		
†International Metal Polish Co.	Manufacturing metal polish	11	4			50	Elec						B	
*International Printing Co.	Manufacturing paper boxes, etc	46	14	9		50	Elec							
†Interstate Car Co.	Grey iron foundry	250				60	Elec						A, B	
†Interstate Public Service Co.	Interurban railway	155	5			60								
†Iowa Pump & Silo Co.	Manufacturing pumps, etc	9	1			48, 60	Elec							
†Iroquois Amusement Co.	Picture show	7	5			60								
†Irvin, R. J. Mfg. Co.	Manufacturing auto bodies and tops	130	20			55	S. & E.	1				Ins., S.D.	A, B, H	
Irvington Coal & Lime Co.	Coal and lime						Steam			1		S. D.		
†Ittenbach, Frank & Son	Cut stone contractors	45				45, 68	S. & E.	1				S. D.		
Ittenbach, G. Co.	Cut stone contractors	39	1			48, 60	Steam	2		3		Ins., S.D.	H	
†Jackson, C. W. & Sons	Manufacturing food products	9	7			53	Elec	1				Ins., S.D.	B, F, H	
†Jackson, J. W. & Sons	Manufacturing overalls	4	30		14	55	Elec							
†Jacob & Co.	Pattern manufacturing	5		1		44								
†Janes, F. E., Coal & Grain Co.	Coal, grain, groceries, feed	22	3			60								
†Jefferson Airdome	Picture show	2	1			24								
†Jersey Bulletin Co.	Publishing	7	2			48								
†Jessup & Antrim Ice Cream Co.	Ice cream and milk	29	1			60	S. & E.	1				Ins.	H	
†Jewel Tea Co.	Teas, coffees, etc	37	2		2	48, 60								
†Johns-Manville, H. W. Co.	Manufacturing asbestos products	29				51								
†Johnson, Wm. F. Lumber Co.	Planing mill and lumber	62				55	S. & E.	1				Ins., S.D.	A, B, H	
†Johnson, W. H. & Son Co.	Heating, contracting, etc	23	1			44	Elec							
†Johnson-Smith Excelsior Co.	Manufacturing excelsior	20	2			60	Steam	3				Ins., S.D.	H	
†Johnson Harvester Co.	Implements, etc	4	1			60								
†Jones, John A.	Restaurant	2	3											
*Jones, John & Sons	Sand and gravel	5				58								
Jordan, Montgomery & Co.	Grain elevator						Steam	2				Ins.	H	
†Jose-Kuhn Lumber Co.	Lumber and mill work	10				58	Steam	1				Ins., S.D.	A, B	
*June Bros.	Restaurant	15	2			36								
†Jungclaus, Wm. P. Co.	Planing mill and contracting	100				54	Steam	3				Ins., S.D.	A, H	

†Kahn Tailoring Co	Tailoring	416	476			50	S. & E.			1		Ins.		
Karstadt Bros. Dye Works							Steam,	1				Ins.	H	
Kattan, Frank	Planing mill	3					Steam.	1				Eng.,S.D.		
†Keach, J. L	Fruit and vegetables	12	2			55								
†Keeport A. B Co	Coal and building material	14				60								
†Keller, Julius, Construction Co.	Contracting	100	1			45 55								
†Kenney Machinery Co	Mill supplies, etc	13	3			52, 60							C, J	
†Kennington Bros	Street sprinkling	15				58								
†Keyless Lock Co	Steel furniture, etc	192	5	3		48, 54	S. & E.	3				Ins., S.D.	A, B, H	
†Keystone Press, The	Job printing	11	2			44	Elec							
†Kibler-Lieber Co	Manufacturing chemists	12	3			48, 60	Steam.	2				Ins., S.D.	A, H	
†Kiefer Drug Co	Wholesale drugs	68	13			45, 55								
†Keith's, B. F., Theatre	Theatrical	22	1			30, 40								
†Kiley House	Hotel	1	1			60								
†Kindergarten Toy Co	Manufacturing toys	1	2	2	2	54								
†Kingan, & Co., Ltd	Meat packing	2,735	200	40	25	55	S. & E.	2	12			Ins., S.D.	A, F, H	
†King Koffee Kompany	Coffee, tea, etc	11				57								
†Kinnick, Geo. H. Co	Dry goods, shoes, etc	2	3			61								
†Kipp Bros. Co	Wholesale toys, etc	40	5			54								
†Kipp, Link Phonograph Co	Phonographs	7				60								
†Kirkhoff Bros. & McElwaine	Plumbing and heating	35				50	Elec							
†Kirschbaum, R. & Son	Manufacturing waists and dresses	20	151			54							E	
†Kiser, S. L. & Co	Suits and cloaks	2	7			54								
†Kistner, Chas. C	Retail shoes	4	1			63								
†Klee & Coleman	Bottling soft drinks	12				48, 54	Elec							
†Knox, Geo. L	Newspaper and barber shop	17	3			60								
†Koch, John	Dry goods, furniture, etc	5	2			60								
†Koehring, C	Hardware, etc	9	2			60								
†Komstohk, T. H	Confections	8				66								
†Kothe, Wells & Bauer Co	Wholesale grocery	41	10			60								
†Kotteman, Wm. Co	Furniture	11	1			50, 60								
†Kottlowski, E. F. Co	General contracting	5				44								
†Kramer Mfg. Co	Manufacturing furniture	43	2			54, 60	S. & E.	2				Ins		
†Krauss, Charles & Sons	Pumps and driven wells	10		1		60	Steam.			2		Ins		
†Krauss, Paul H. Co	Gent's furnishings and laundry	20	70			60	Steam.	2				Ins., S.D.	H	
†Kreber, Nellie	Dressmaking		8			54								
†Kreglo, Jas. A. Co	Plumbing and heating	15				44								
†Kresge, S. S. Co	Five and 10 cent store	28	138	2	69	57, 61							B	
†Kruse, E. L	National cash registers	9				54								
†Kruse & Dewenter Co	Furnaces, etc	30	1			44	Elec							
†Lacey Print Shop	Printing	4	2	1		48	Elec							
†La Code Hotel	Hotel	1	2			45, 70								
*Lamson Co., The	Cash and parcel carriers	6	1			54								
†Langen, E. O. Co	Cloaks and suits	10	61			54								
*Langsenkamp, F. H	Copper goods	12				52	Elec							
†Langsenkamp-Wheeler Brass Wks	Brass foundry	200	1	2		55	Steam.	3				S. D.		
†Latham & Walters	General contracting	25				59								
†Laughner Bros. Dairy Lunch	Dairy lunch	5	4	1		70								
†Laurie, Wm. Co	Dry goods	20	51	1	3	54								
†Laut, H. W. & Co	Sheet metal work	8				44								

INDIANAPOLIS, MARION COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Lauter, H. Co	Manufacturing furniture	352	3	30		54, 60	Steam	5				Ins., S.D.	A H	
*Law Building	Office building	14	1			48, 60	Steam	2						
†Laycock, T. B. Sons & Co	Manufacturing bed springs	18	4	2		40, 55	Steam	4				Ins., S.D.	A, B	
†Layman-Carey Co	Wholesale hardware	44	4			60								
†Leedy Mfg. Co	Manufacturing drums	52	4			45, 55								
†Lees, John	Machinery and tools	7				55								
†Lefler, C. W. Hat Co	Wholesale hats and caps	15	1			54								
†Lemcke Building	Office building	12	9			36, 66								
†Lemcke R. A. Realty Co	Office building	13	11			36, 66								
*Lennox, E. L., Piano Co	Pianos	6	2			54								
†Lesh, C. P., Paper Co	Wholesale paper	44	8			53								
†Levy Bros. & Co	Printing, etc	84	43			50	Elec							
†Levinson, Harry	Retail hats	12	4			48								
†Levi, F. B	Cloaks and suits	2	11			57								
†Levy, R	Manufacturing caps	9	5			55								
*Leiber, H. Co	Mouldings, frames, etc	162	5	9	4	60	Steam	3				S.D., Ins	H	
†Life Insurance Co. of Virginia	Life insurance	48	3			48								
†Lilly, Eli & Co	Manufacturing chemists	250	288	2	1	51	Steam		4			Ins., S.D	H	
†Lilly & Stalaker	Hardware	38	7	1		55								
Lily Varnish Co	Manufacturing varnish	18					Steam	2				Ins., S.D	H	
†Lincoln Theatre	Moving pictures	2	2			48								
†Link-Belt Co	Manufacturing chains	386	81		32	55	Elec							
†Little, James M	Road contractor	8				60								
†Lockman Co., The	Bookbinding	5	4		1	48	Elec							
†Long, Knight Lumber Co	Wholesale lumber	7	1			54								
††Lorraine Hotel	Hotel	14	4			70	Steam	1				S. D	H	
†Lyceum Theatre Co	Theatrical	27	16			48								
†Lyman Bros	Mouldings, frames, etc	21	2			54, 59								
†Lyons-Atlas Co	Manufacturing autos and oil engines	638	7			50	Steam	6	7	2		Ins., S.D	A, B, H	
†Lyric Theatre	Amusement	19	3			48								
†Maas-Neimeyer Lumber Co	Planing mill and lumber	46	4			50	Steam	1				Ins	A, B, H	
†Mabey's Cleaning & Mfg. Co	Manufacturing wool brushes, etc	5	1			54								
†Mack Carpet & Rug Co	Manufacturing rugs, carpets, etc	4	2			53	Steam	1				Ins	A, B	
†Mack, F. J. & Co	Painters and decorators	13	1			48								

Madden, John J	Manufacturing bed davenports	108				55	Steam	2				Ins., S.D.	B, H	
†Madden, Thos. Son & Co	Manufacturing furniture	160	10	30		55	Steam	2				Ins., S.D.	A, H	
†Mahan, H. B. Co	Manufacturing paper boxes	10	60		8	50							A, E	
*Mais Motor Truck Co	Manufacturing auto trucks	49	1			50	S. & E	2				S. D	A, B, H	
†Majestic Cafe	Restaurant	2	8			56, 70								
†Majestic Hotel	Hotel	9	3			56								
†Malott Coal & Lime Co	Coal and building material	8				60								
Malott, V. T	Ardmore Apartments						Steam	1				Ins	H	
†Manhattan Theatre	Moving pictures	3	2	1		70								
†Manilla Theatre	Moving pictures	1	3			18								
†Mansfield Engineering Co	Engineering and contracting	400	1			60								
†Marietta Glass Mfg. Co	Manufacturing glass	12	1			48, 60	S. & E	2				S. D	A, B	
†Marion Club	Social club	30	5			52								
†‡Marion County Construction Co	General contracting	200				58	S. & E			2		S. D	H	
†Marion Motor Car Co	Manufacturing autos	500	30			54	S. & E	3				Ins., S.D.	H	
†Marion Title Guaranty Co	Abstracts and insurance titles	10	3	1		48								
†Marott, Geo. J	Retail shoes	60	14	2		60								
†Marott Dept. Store Co	Department store	28	61	8	22	56								
†Marshall, Louisa T	Dressmaking		8			48								
†Marshall & Huschart Machinery Co	Machine tools	4	1			52								
†Martin, H. J., Forging Co	Drop forging	44	1			48, 55	S. & E	5				Ins., S.D.	H	
Martindale, E. B. Estate							Steam	2				Ins	H	
†Maryland Hotel	Hotel		1			35								
*Maurath, Rudolph	Barber shop	8				60								
†Maschmeyer, H. F. Co	Wall paper and decorating	10				54								
*Maxwell Gravel Co	Sand and gravel	13	1			54	Steam	2				Ins		
†Mayer, Chas. & Co	Retail merchandise	32	53			54								
†Mayer, Geo. J. Co	Seals, stencils, etc	31	6			48, 57	Elec							
†McBee, A. E. Co	Advertising	11	2			43								
†McCoy-Howe Co	Manufacturing chemists	14	9			57	Steam	1				Ins		
†McCrea Hotel	Hotel	7	1			60								
†McCullough, John G	Real estate	5	1			50								
†McCune, Wiles & Ross	Wholesale grocery	9	1			60								
†McGinnis, Thomas	Pants maker	2	7			54								
†McMurray, Welcome B	Merchant tailor	9	3			60								
†McNamara-Koster Foundry Co	Grey iron castings	32	1	1		54	Elec							
†Mecca Theatre	Moving pictures	4	3			24								
†Meier, Lewis & Co	Manufacturing overalls, etc	20	280	7	5	48	S. & E	1				Ins	H	
†Meier Electric & Elevator Co., The	Electrical and elevator repairs	15	1			44, 50								
*Meier Packing Co	Pork packing	27				60	Steam	2				Ins., S.D.	H	
†Meiere, Fred M. Co	Printing	8	4			48	Elec						B	
†Meikel, C. W. Co	Chandelier works	23	2				Elec							
Merchants Building Co							Steam		3			Ins	H	
†Merchants Cafe Co	Restaurant	18	14			60								
*Merchants Heat & Light Co	Light, heat and power	97	3			48, 72	Steam		23			S.D., Ins.	A, H	
Merchants Ice Co	Manufacturing ice						Steam	3				Ins., S.D.		
Merchants Laundry Association							Steam	1				Ins	H	
†Merchants National Bank	Banking	43	7			48								
†Merchants Printing Co	Job printing	8	2			48								
†Meridian Life Ins. Co	Life insurance	18	10			52								

INDIANAPOLIS, MARION COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Lauter, H. Co	Manufacturing furniture	352	3	30		54, 60	Steam	5				Ins., S.D.	A H	
*Law Building	Office building	14	1			48, 60	Steam	2						
†Laycock, T. B. Sons & Co	Manufacturing bed springs	18	4	2		40, 55	Steam	4				Ins., S.D.	A, B	
†Layman-Carey Co	Wholesale hardware	44	4			60								
†Leedy Mfg. Co	Manufacturing drums	52	4			45, 55								
†Lees, John	Machinery and tools	7				55								
†Lefler, C. W. Hat Co	Wholesale hats and caps	15	1			54								
†Lemcke Building	Office building	12	9			36, 66								
†Lemcke R. A. Realty Co	Office building	13	11			36, 66								
*Lennox, E. L., Piano Co	Pianos	6	2			54								
†Lesh, C. P., Paper Co	Wholesale paper	44	8			53								
†Levy Bros. & Co	Printing, etc	84	43			50	Elec							
†Levinson, Harry	Retail hats	12	4			48								
†Levi, F. B	Cloaks and suits	2	11			57								
†Levy, R	Manufacturing caps	9	5			55								
*Leiber, H. Co	Mouldings, frames, etc	162	5	9	4	60	Steam	3				S.D., Ins.	H	
†Life Insurance Co. of Virginia	Life insurance	48	3			48								
†Lilly, Eli & Co	Manufacturing chemists	250	288	2	1	51	Steam		4			Ins., S.D.	H	
†Lilly & Stal aker	Hardware	38	7	1		55								
Lily Varnish Co	Manufacturing varnish	18					Steam	2				Ins., S.D.	H	
†Lincoln Theatre	Moving pictures	2	2			48								
†Link-Belt Co	Manufacturing chains	386	81		32	55	Elec							
†Little, James M	Road contractor	8				60								
†Lockman Co., The	Bookbinding	5	4		1	48	Elec							
†Long, Knight Lumber Co	Wholesale lumber	7	1			54								
† ‡Lorraine Hotel	Hotel	14	4			70	Steam	1				S. D	H	
†Lyceum Theatre Co	Theatrical	27	16			48								
†Lyman Bros	Mouldings, frames, etc	21	2			54, 59								
†Lyons-Atlas Co	Manufacturing autos and oil engines	638	7			50	Steam	6	7	2		Ins., S.D.	A, B, H	
†Lyric Theatre	Amusement	19	3			48								
†Maas-Neimeyer Lumber Co	Planing mill and lumber	46	4			50	Steam	1				Ins	A, B, H	
†Mabey's Cleaning & Mfg. Co	Manufacturing wool brushes, etc	5	1			54								
†Mack Carpet & Rug Co	Manufacturing rugs, carpets, etc	4	2			53	Steam	1				Ins	A, B	
†Mack, F. J. & Co	Painters and decorators	13	1			48								

Madden, John J	Manufacturing bed davenports	108				55	Steam	2				Ins., S.D.	B, H	
†Madden, Thos. Son & Co	Manufacturing furniture	160	10	30		55	Steam	2				Ins., S.D.	A, H	
†Mahan, H. B. Co	Manufacturing paper boxes	10	60		8	50							A, E	
*Mais Motor Truck Co	Manufacturing auto trucks	49	1			50	S. & E	2				S. D	A, B, H	
†Majestic Cafe	Restaurant	2	8			56, 70								
†Majestic Hotel	Hotel	9	3			56								
†Malott Coal & Lime Co	Coal and building material	8				60								
Malott, V. T	Ardmore Apartments						Steam	1				Ins	H	
†Manhattan Theatre	Moving pictures	3	2	1		70								
†Manilla Theatre	Moving pictures	1	3			18								
†Mansfield Engineering Co	Engineering and contracting	400	1			60								
†Marietta Glass Mfg. Co	Manufacturing glass	12	1			48, 60	S. & E	2				S. D	A, B	
†Marion Club	Social club	30	5			52								
†‡Marion County Construction Co	General contracting	200				58	S. & E			2		S. D	H	
†Marion Motor Car Co	Manufacturing autos	500	30			54	S. & E	3				Ins., S.D.	H	
†Marion Title Guaranty Co	Abstracts and insurance titles	10	3	1		48								
†Marott, Geo. J	Retail shoes	60	14	2		60								
†Marott Dept. Store Co	Department store	28	61	8	22	56								
†Marshall, Louisa T	Dressmaking		8			48								
†Marshall & Huschart Machinery Co	Machine tools	4	1			52								
†Martin, H. J., Forging Co	Drop forging	44	1			48, 55	S. & E	5				Ins., S.D.	H	
Martindale, E. B. Estate							Steam	2				Ins	H	
†Maryland Hotel	Hotel		1			35								
*Maurath, Rudolph	Barber shop	8				60								
†Maschmeyer, H. F. Co	Wall paper and decorating	10				54								
*Maxwell Gravel Co	Sand and gravel	13	1			54	Steam	2				Ins		
†Mayer, Chas. & Co	Retail merchandise	32	53			54								
†Mayer, Geo. J. Co	Seals, stencils, etc	31	6			48, 57	Elec							
†McBee, A. E. Co	Advertising	11	2			43								
†McCoy-Howe Co	Manufacturing chemists	14	9			57	Steam	1				Ins		
†McCrea Hotel	Hotel	7	1			60								
†McCullough, John G	Real estate	5	1			50								
†McCune, Wiles & Ross	Wholesale grocery	9	1			60								
†McGinnis, Thomas	Pants maker	2	7			54								
†McMurray, Welcome B	Merchant tailor	9	3			60								
†McNamara-Koster Foundry Co	Grey iron castings	32	1	1		54	Elec							
†Mecca Theatre	Moving pictures	4	3			24								
†Meier, Lewis & Co	Manufacturing overalls, etc	20	280	7	5	48	S. & E	1				Ins	H	
†Meier Electric & Elevator Co., The	Electrical and elevator repairs	15	1			44, 50								
*Meier Packing Co	Pork packing	27				60	Steam	2				Ins., S.D.	H	
†Meiere, Fred M. Co	Printing	8	4			48	Elec						B	
†Meikel, C. W. Co	Chandelier works	23	2				Elec							
Merchants Building Co							Steam		3			Ins	H	
†Merchants Cafe Co	Restaurant	18	14			60								
*Merchants Heat & Light Co	Light, heat and power	97	3			48, 72	Steam		23			S.D., Ins	A, H	
Merchants Ice Co	Manufacturing ice						Steam	3				Ins., S.D.		
Merchants Laundry Association							Steam	1				Ins	H	
†Merchants National Bank	Banking	43	7			48								
†Merchants Printing Co	Job printing	8	2			48								
†Meridian Life Ins. Co	Life insurance	18	10			52								

INDIANAPOLIS, MARION COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Nordyke & Marmon Co	Mfg. mill machinery and autos	1,162	38	4		46, 55	S. & E.	7				Ins., S D.	B, H	
†North Indianapolis Cradle Works	Agricultural imp'ements	19	1			60	Steam	2				Ins., S.D.	B, H	
†North Side Garage	Garage	6				70								
†North Star Theatre	Picture show	3	2			18								
Norway Sanitarium	Sanitarium						Steam	2				Ins	H	
†Nutz & Grosskopf	Wholesale leather, etc	10				60								
†Oak Cafe	Restaurant	9	7			50								
†Oakland Motor Co. of N. J	Autos and accessories	15				54								
†Oberlies & Yant	General contracting	10				44								
†Ocheltre & Fiscus	Barber shop	10				70								
†O'Connor, M. & Co	Wholesale grocery	46	4			49, 55	Steam	1				Ins	H	
†Off, Christian & Co	Tinners	23	1			44								
†Ohio & Indiana Stone Co	Crushed stone	40				60	Steam							
†Oilar Bros. Co	Retail furniture, rugs, etc	9	1			62	Steam	3		4		Ins	H	
*Okey's Barber Shop	Barber Shop	14	1			48, 81								
†Olds Soap & Chemical Co	Manufacturing soap, etc	7	1			48, 60	Steam	1				Ins., S.D.		
†Oliver Typewriter Agency	Typewriters, etc	8	2			44								
*Oneida Barber Shop	Barber shop	6				74								
†Oneida Hotel	Hotel	12	23			56								
†One Minute Restaurant	Restaurant	7	7			70								
†Open Coil Heater & Purifier Co	Manufacturing steam specialties	8				52								
†Orpheum Theatre	Picture show	13	2			63								
†Otis Elevator Co	Elevators	20	1			44								
†Ott, L. W. Mfg. Co	Manufacturing furniture	53	4			58	Steam	2				Ins., S.D.	H	
*Oval & Koster	Lithographing and printing	28	4			48	Elec						B	
†Over, Ewald	Foundry	23	1			60	Elec							
†Overall Laundry Co	Laundry	4	5			45, 50	Steam	1				B. M	H	
†Palace Hotel	Hotel	2	2			66, 84								
†Palace Theatre	Picture show	1	1			21								
*Pangborn, Geo. W	Insurance	3	3			54								
*Paragon Safety Oil Co	Oils, etc	10				60								
†Parry Mfg. Co	Manufacturing buggies	480	19	6		53	Steam		4			Ins., S.D.	A, B, H	
†Pastime Theatre	Picture show	1	1			16								
†Patton, Max	Saloon and restaurant	7	3			60								

†Pauley, C. E. & Co	Linotype composition	18	4			48								
†Payne's Busy Bee Lunch No. 1	Restaurant	25	5			74								
†Payne's Busy Bee Lunch No. 2	Restaurant	15	2			78								
†Payne's Busy Bee Lunch No. 3	Restaurant	25	5			74								
†Peake, W. B	Grocery and meats	7	2			60								
†Pearl Roller Mills	Flour mill	8				60	Steam	1				Ins. S.D.		
†Pearson, Chas. D. & Co	Queensware, etc	12	1			60								
†Pearson, George C	Pianos and organs	30	8			63								
†Pearson Drug Store	Retail drugs	5	1			60, 68								
†Pease-Buzatt Const. Co	Concrete contracting	25				48								
†Pecoto Packing Co	Canning factory	70	80			60	Steam	3						
†Peerless Foundry Co	Manufacturing stove repairs	19	1			48, 58	Elec						B	
†Peerless Garment Cleaners	Cleaning and repairing	8	4			50, 60							B	
†Pellette & Alling	Scalp specialists		5			54								
†Penn Coal Co	Retail coal	6				60								
Pennsylvania Ry. Co	Railroading						Steam		4			S. D		
Peoples Light & Heat Co	Light and heat	35	2			72	Steam		7			Ins	A, B, H	
†Peoples Outfitting Co	Furniture, etc	37	11			57								
†Peoples Restaurant	Restaurant	3	3			84								
†Peoples State Bank	Banking	3	6			48								
Peoria & Eastern Ry	Repair shops	250					Steam	3				B.M.,S.D.		
†Perry, J. C. & Co	Wholesale groceries	41				60								
*Perry & Bock	Brick contractors	25				48								
†Petaluma Incubator Co	Incubators	5	1			48, 60								
*Peters Confectionery	Confectionery	2	4			48								
†Pettis Dry Goods Co	Department store	173	272	56	62	54	Steam	4	1				A, H	
†Phelan, M. E	Hair store	1	9			54								
*Piel Bros. Mfg. Co	Reed furniture, etc	7	2			48, 55							A, B, C	
†Piel Bros. Starch Co	Manufacturing starch	171	23	4	11	58	Steam		6			Ins., S.D.	H	
†Pierson, Chiron C	General contractor	10				44								
†Pierson Building Material Co	Building material and fuel	7				60								
*Pierson, S. D	Cigars and tobacco	21				66								
†Pierson-Zener Co	Realty building and selling	8				55								
*Pillsbury Flour Mills Co	Flour mill	13	6		1	44								
*Pink, Simon	Shoes	9				63								
†Pinkus, Isaac	Insurance	1	5			48, 52								
†Pioneer Brass Works	Brass foundry	55		1		50								
†Piper Machine Co	General machines	15	1			50	Elec							
†Pitman, Myers Co	Pharmaceutical chemists	23	10			55, 58	Elec							
*Pittsford Purity Pie Co	Baking of pastry	24	4			60								
†Pivot City Press, The	Printing	8	1			48								
†Plaza Hotel	Hotel	12	11											
†Polar Ice & Fuel Co	Artificial ice	46	4			54, 60	Steam	3				Ins., S.D.	H	
†Polk, R. L. & Co	Publishing city directories	18	2			48								
†Polk Sanitary Milk Co	Milk, cream, etc	100	2			48, 56	Steam	2				S. D		
†Postal Telegraph & Cable Co	Telegraphic service	106	24	57	1	56, 62								
†Potter Hat Co	Manufacturing ladies' hats	10	28		2	54, 60								
Potter Mfg. Co	Manufacturing digging machines	2				52							A, B	
†Potts, C. & A. & Co	Manufacturing clay working machines	20				50							A	
†Powers, J. T. Son	Retail grocer	6				60								

INDIANAPOLIS, MARION COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Practical Cement Block Co.	Manufacturing cement products	9	1			60								
†Prange Bros.	Retail grocery	4	1			42, 72								
*Pratt, W. D. Printing Co.	General printing	25	3	1	1	48							B	
*Premier Motor Mfg. Co.	Manufacturing autos	295	5		5	55	Steam	1				Ins., S.D.	B, H	
Prest-O-Lite Co.	Manufacturing prestolite	415	75	3	7	45, 59	Steam	2				Ins.	E, H	
†Princess Amusement Co.	Picture show	1	2			16, 23								
†Printing Arts Co.	Printing and engraving	43	13	3	9	54	Elec.							
†Progress Laundry Co.	Laundry	33	142			55	Steam	3				Ins., S.D.	A, B, H	
†Protestant Deaconess Hospital	Hospital	6	10			46	Steam	2				Ins.		
†Prudential Casualty Co.	Casualty insurance	29	32			42								
†Prudential Insurance Co. of America	Life insurance	991	1											
Prudential Realty Co.							Steam	1				Ins.	H	
†Prunk, Frank H.	Hardware and tinshop	7	1			55								
†Pullman Co., The	Pullman cars	69	17			70								
†Puritan Bed Spring Co.	Manufacturing bed springs	40	30		4	52	Steam	2				Eng., S.D.	A, B, E, J	
*Queen Millinery Co.	Millinery		5			54								
†Racine, Sattley Co.	Implements	5	2			45								
†Railroad Transfer Co.	Transfer	15	1			48, 60								
†Ralph, W. E. & Co.	Ice and coal	8	1			60	Steam	3				Ins., S.D.	H	
†Rapid Transit Motor Co.	Bus lines	17	2			50, 63								
Ratti, Joseph	Printing	28	7	1		54							A	
†Rauch, Ed. J., Cigar Co.	Manufacturing cigars	38	14			48							D, E	
†‡Rauch, E. & Sons, Fertilizer Co.	Manufacturing fertilizer	51	4			40, 60								
Realty Investment Co.	Apartment house						Steam				1	Ins.		
†Reed, J. H.	Jewelry store	4	2			48, 52								
*Reedy, D. V., Elevator Co.	Manufacturing elevators	10				50								
†Reliable Furniture & Carpet Co.	Retail furniture, etc.	17	4	1		48, 52								
†Remington Typewriter Co.	Typewriters	28	11			48								
Republic Construction Co.	Street paving						Steam			1		S. D.		
†Republic Creosoting Co.	Creosoting timber	70				60	Steam	3				Ins., S.D.	H	
†Reserve Loan Life Ins. Co.	Life insurance	23	13			44								
†Resoner, W. L. & Son	Retail furniture	4	1			60								
†Reynolds, Edward P.	Butcher	10	1			72								
†Reynolds, S. C.	Dairy lunch	3	6			58								

†Rhodes, S. S. & Son	Hardware and lumber	14	1			54, 60							
†Rhodes-Burford Furniture Co.	Retail furniture	21	1			48, 54							
†Rieman, Henry W	Florist	9	1			48, 60							
†Rink's Cloak House	Cloaks, suits, etc	18	60		2	54							
*Riverside Amusement Co	Amusements	7	1			60, 70							
†Roach-Brown Mfg. Co.	Manufacturing kitchen cabinets	16				55							
†Robbins, Irvin & Co	Manufacturing auto bodies	135	5			52, 56						B	
Roberts, James E							Steam	1			Ins	H	
†Roberts, W. H. & Co	Commission merchants	8	2			48, 72							
†Roch, Tobias, Iron Works	Iron and wire works	15				58	Elec						
†Rockwood Mfg. Co	Manufacturing paper pulleys, etc	185	15		1	49, 60	S. & E	4			Ins., S.D.	B, H	
†Roller, John J	Cafe and buffet	7	3			72							
†Rollyn Hawkins-McCain Co	Furnaces and sheet metal	7	1			44	Elec						
†Rosasco, N. & Co	Commission merchants	5	1			72							
†Rost, Carl L	Diamonds and jewelery	5	2			54, 58							
†Rough Notes Co	Publishing and printing	17	13		1	48							
Royal Garment Co	Manufacturing ladies' suits	5	35			54						E	
†Royal Laundry Co	Laundry	20	70		10	50, 55	S. & E	1			Ins	H	
*Royal Theatre	Picture show	3	2			48, 52							
†Royer, Frank	Merchant tailor	5	2			48, 54							
†Rubens, Samuel	Retail clothing	11	3			58							
Rupert Co., The	Manufacturing emery wheel dressing	2				50						B	
†Russell Co., The	Engines, threshers, etc	4	1			48							
†Russell Windstacker Co	Manufacturing straw stackers	20				60						A	
†Rybolt Heating Co	Furnaces	21	1			45, 53							
*Ryker's Rest & Lunch Room	Restaurant	3	3			58							
St. Agnes Academy							Steam	2		1	Ins	H	
†St. Charles Hotel	Hotel	2	2			72							
*St. Vincents Hospital	Hospital	12	7		3	54	S. & E						
†Samuels Millinery Co	Millinery	1	5			52							
†Sanborn Electric Co	Electrical contracting, etc	50				48							
†Sander & Recker Furniture Co	Retail furniture	22	3			58							
†Sanders, H. L	Manufacturing waiters' coats, etc.	2	10			58							
†Sanders Theatre	Picture show	4	1			21							
†Sanford, Arthur & Co	Plaster contractors	24	1			44							
†Sanitary Can Co	Manufacturing tin cans	340	10	2	16	55	S. & E	2			S. D	A	
Sanitary Milk Products Co							Steam	1			Ins		
†Santa Clara Co	Wholesale and retail liquors	6	2			48							
†Sargent Paint Co	Manufacturing paints	20				58							
†Satcamp, James H	Bar and cafe	6	2			50, 60							
†Savoy Theatre	Picture show	1	1			24							
†Sayles, C. F. & Co	Insurance and real estate	5	1			52	Steam	2			Ins		
†Scenic Theatre	Picture show	1	1			36							
†Scenic Theatre	Picture show	2	1			39							
†Schakel, A., Transfer Co	Transfer	6				55							
†Schauer, Geo. S	Sewer contractor	32				45							
†Schiedel-Thompson Mfg. Co.	Auto sheet metal parts	32				55	S. & E	2				A, B	
*Schiffman's Bakery & Restaurant	Bakery and restaurant	4	3			74							
†Schlitz, Jos., Brewing Co	Beer, etc	7				48							
†Schloss Bros. Co	Clothing and furnishings	30	9			56							

INDIANAPOLIS, MARION COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Schlosser Bros	Creamery	106	21			55	Steam	1				Ins., S.D.	A, H	
†Schmid, E. Co	Manufacturing surgical instruments	9	1			55	Elec							
†Schmid & Smith	Real estate	8	1			54, 60								
†Schnabel, C. A	Bookbinding	4	2			50, 56								
*Schneider, W. G	Merchant tailor	6				60								
†Schnull & Co	Wholesale grocery	85	50			55	Steam	3				Ins., S.D.	H	
†Schrader, C. A. Co	Wholesale grocery	30				50							B	
Schoen Bros	Dry cleaning	27					Steam			1		S. D		
†Schumacher, John A. Co	Planing mill, etc	20				48, 54	Steam	2				Ins., S.D.	A, H	
*Security Casualty Co	Health and accident insurance	3	7			44								
†Security Trust Co	Trust company	9	7			46								
†Sedwick's, J. B. Sons & Co	Live stock commission merchants	11				42								
†Seeds, Russell M. Co	Advertising agency	6	1	1		48								
†Sehi, Henry	Bakery	6				60	Elec							
†Selig Dry Goods Co	Coats, suits, etc	10	62	3		54								
Sells, Corwin P	Planing mill						Steam			2		Eng		
†Senate Hotel	Hotel	1	1			48								
†Sentinel Printing Co	Printing, book making, etc	35	12	2		48								
†Shamrock Restaurant	Restaurant	4	3			46, 70								
†Shank Furniture & Storage Co	Moving and storage	10	2	1		54								
†Shapiro & Levy Cap Co	Manufacturing caps	6	3			55								
†Shea, M. C. & Co	Groceries and meats	9	1			48								
†Shellhouse, Frank	Storage and transfer	11	1			48, 59								
†Shepard Hardware Co	Hardware and tinners	4	1			60								
†Sherman House	Hotel	8	2			70								
†Shideler, E. F. & Co	Wholesale commission	14	3			50, 60								
Shiel-Chapin Construction Company	General Contractors	8				50								
Shields, F. B							Steam			1		Ins	H	
†Shirley Radiator & Foundry Co	Manufacturing heaters	100		1		57	Elec							
Shover, Clara A							Steam				2	Ins		
*Showalter Mfg. Co	Manufacturing auto bodies	20				55	S. & E	1						
*Shubert Murat Theatre	Theatre	12	21			48								
†Shute, Hamlin L	Contractor	5				54								
*Silent Evangel Society	Job printing	4	3			48							B	

†Silver King Novelty Co	Vending machines	7	2			50								
†Sink & Edwards	Sheet metal work	20				44								
*Sinker-Davis Co	Manufacturing engines, etc	124	1			48	Steam	2				Ins., S.D.	H	
†Sipe, J. C	Diamonds and jewelry	5	1	1		48, 54								
*Skinner, Lewis B	Plumbing and heating	6				44								
†Smith Agricultural Chemical Co	Manufacturing fertilizer	100				58	Elec							
*Smith's Cafe & Buffet	Cafe and bar	23	3			60								
*Smith, Dan	Saloon	8				48								
†Smith, Day & Co	Manufacturing chairs	25	5	3		55, 60							B, E	
Smith-Hecht Co	Advertising novelties	1	3			44							B	
†Smith, J. W. & Son	Wholesale bakery	11	1			60								
†Smith, L. C. & Bros., Typewriter Co	Typewriters	14	4			45								
†Smith, Peter & Sons	Grocery	5	3			57, 63								
Smith, Theresa H	Central life building						Steam				1	Ins	H	
Smith & Young Co							Steam	3				Ins	H	
†Smither, Henry C., Roofing & Sht.Mtl. Co	Roofing and sheet metal	30	1			44								
†Smither, T. F. Roofing Co	Gravel roofing	7				60								
Smock, Ferd C	General Contractor	20				44								
†Smyrnis, John & Andrew	Barber shop	10	1			65								
Socialer Turnvereine Stock Assn							Steam	2				Ins	H	
†Solomon, I. E	Clothing	23	7			57								
†Somerville Laundry Co	Laundry	13	32			48, 54	Steam	1				Ins., S.D.		
†Somers, D. & Co	Retail furniture	37	8			54	Steam	2				Ins	H	
Sommers, Ed., Laundry Co	Laundry						Steam	1				Ins., S.D.	H	
South Side Ice Co	Manufacturing ice	16					Steam	3				S. D		
†Southern Indiana Power Co	Furnishing power	40	3			48, 60								
†Spacke, F. W., Machine Co	Manufacturing motors	295	5			55	Steam	1				Ins	B, H	
†Spann, John S. & Co	Real estate and insurance	12	4			50								
†Spannhurst Osteopaths	Osteopaths	5	1			40, 48								
†Specialty Mfg. Co	Manufacturing specialties	7	1			50, 60								
†Spencer House	Hotel	36	44			48	Steam	2				Ins	H	
†Sperry & Hutchinson Co	Premium advertising	19	10			54								
†Sponsel, Henry G	Bakery	20	6			40, 60								
Springer, W. E							Steam			1		Ins		
†Stafford Engraving Co	Engraving, etc	39	11			48							B	
†Standard Brass Foundry	Brass foundry	15				55	Elec							
†Standard Dry Kiln Co	Manufacturing dry kilns	11	1			44, 55	Elec							
†Standard Live Stock Ins. Co	Live stock insurance	4	2			48								
†Standard Machine & Electric Co	Machine shop	19	1			44, 50	Elec						A	
†Standard Metal Co	Metals, sheet iron, etc	16	5			48, 58								
†Standard Oil Co	Oil						Steam	1				S. D	H	
†Standard Paper Co	Wholesale paper, etc	16	3			45, 49								
†Standard Tea & Grocery Co	Grocery	15	7			60								
Standard Tool & Mfg. Co		25				60							A, B	
†Star Hotel	Hotel		1			56								
†Star Millinery Co	Wholesale millinery	18	32			53							D, E	
†Star Publishing Co	Newspaper	269	43			48	S. & E	2				Ins	H	
†Starr, W. C. & Son Co	Manufacturing hames, chains, etc	12	1			50, 55	Steam	1				Ins., S.D.	A, B	
†State Life Ins. Co	Life insurance	45	42			44								
†Steffen, Andrew	Manufacturing cigars	35				45								

INDIANAPOLIS, MARION COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Steffen, Charles L	Manufacturing cigars	2	4			44, 50								
†Stegemeier Bros	Saloon and restaurant	19	5			70								
*Sterling Wired Box Co	Manufacturing shipping cases	12	1			54, 60								
†Stettler, Fred F	Baker	17	4			60								
†Stephenson Glove Co	Manufacturing gloves	9	91			52	Elec							
Stewart, A. M. Realty Co							Steam				1	Ins	H	
†Stewart-Carey Glass Co	Wholesale glass	40	1			59							A, B	
†Stewart, Daniel Co	Wholesale drugs	60	15			48	Steam	1				Ins	H	
†Stewart, M. J	Grocery	7	1			60, 72								
Stickney Color Co	Varnishes, etc	3	1			50							A	
†Story & Clark Piano Co	Pianos	10	2			54								
†Stouts Company	Retail shoes	9	1	1		55, 58								
Stouts Factory Shoe Co	Retail shoes	33	9			60, 62								
†Stouts Shoe Co	Retail shoes	5	1			55, 58								
†Stouts Special Shoe Co	Retail shoes	5	1			55, 58								
*Stratford Theatre	Picture show	4	4			35								
†Stratton Broom Co	Manufacturing brooms	10	3			58	Elec						B	
†Strauss, L. & Co	Clothing and furnishings	49	25			56								
†Stubbins Hotel	Hotel	4	3			56								
†Stucky, Edward W	Retail drugs	7	2	1		70								
†Stutz Motor Car Co	Manufacturing autos	128	2			47, 58								
†Sullivan-Geiger Co	Sheet metal goods	19	6			58							A, B	
†Sun Publishing Co	Newspaper	98	8			48, 51	Elec							
†Superior Sheet Metal Works Co	Manufacturing sheet netal	18				60								
†Supreme Lodge Knights & Ladies of Honor	Fraternal insurance	16	10			44								
†Swan Hotel	Hotel and cafe	18	2			50, 54								
†Swan-Myers Co	Manufacturing chemists	11	4			52								
Swift & Co	Meats						Steam			1		Ins		
†Swiss Cleaners & Dyers	Cleaning and dyeing	9	6			48, 54								
†Taggart Baking Co	Bakery	166	35			48, 54	S. & E	2				Ins	H	
†Talge Mahogany Co	Manufacturing veneers and lumber	145				55	Steam	2				S. D	A, J	
*Tanner & Co	Tinners' supplies	21	2			48, 58								
†Taylor Belting Co	Manufacturing and wholesale belting	8	2			44, 60								
†Taylor Carpet Co	House furnishings	60	15			60								

Terminal Baggage & Transfer Co	Baggage transfer	8				60								
†T. H. I. & E. Traction Co	Traction system	1,345	9			60	Steam			5		Ins	H	
†Thiele, L. C. Company	Manufacturing furnaces	14				49	Elec							
†Thirtieth Street Garage	Garage	5				60								
†Thomas, Walter R	Restaurant	1	6			79								
†Thompson, Edward R	Restaurant	4	5			56, 70								
†Thompson's Restaurant	Restaurant	6	8			56, 70								
*Thompson, John R. Co	Restaurant	39	8			55, 74								
†Thornton-Levy Co	Printing, blank book making, etc	48	20			54	Elec						B	
†Tiona Refining Co	Wholesale oils	29	3			50, 55	Steam			1		S. D		
†Titus, E. L. Co	Mail order	4	4			44								
†Toll Clearing Co	Telephone	1	4			44								
†Traction-Terminal Hotel	Hotel	3				84								
Traction-Terminal Station	Interurban station												A	
†Traugott Bros	Ready-to-wear garments	7	7			57								
†Tremont Hotel	Hotel	2	2			42, 70								
†Torlicht-Duncker Carpet Co	Rugs, carpets, etc	10	1			54, 60								
†Troy Restaurant	Restaurant	6	8			60								
†Tucker & Dorsey Mfg. Co	Hardware and woodenware specialties	70				55	Steam	2				Ins., S.D	A, H	
†Two Johns Theatre	Picture show	3				24								
†Tyler, L. D. & Co	Retail furniture, etc	8	2			60								
†Udell Works	Manufacturing furniture, etc	195	5	9	1	53, 47	Steam	3				Ins	A, B, H	
†Union Asphalt Const. Co	Road contractors	22	1			48, 60								
†Union Dairy Co	Creamery	26	2				S. & E			2				
†Union Laundering Co	Laundry	22	61			52	S. & E	1				Ins	A, E	
†Union Station Restaurant	Restaurant	28	8			58, 63								
†Union Trust Co	Trust company	15	6		1	48								
†United Metal Parts Co	Manufacturing tools, machinery, etc	12				50	Elec						A	
United States Corrugated Fiber Box Co	Manufacturing corrugated boxes	27	8			48, 58	Elec						A, B	
†United States Encaustic Tile Works	Manufacturing encaustic tile	100	100	5	5	50	Steam	4				Ins	H	
†United States Fidelity & Guaranty Co	Surety bonds and insurance	9	7			44								
†United States Tire Co	Auto tires	17	4			54								
†United Fourth Vein Coal Co	Mining coal	448		12		48								
†Van Camp Burial Vault Co	Manufacturing cement burial vaults	6				54								
Van Camp Hardware & Iron Co	W. and R. hardware						Steam	2				Ins	H	
Van Camp Packing Co	Canning factory	283	49			60	Steam	4		4		Ins., S.D	A, B, H	
Vandalia Ry. Co	Repair shops						Steam			1		B.M.,S.D.		
†Varney Electric Supply Co	Wholesale electrical supplies	25	7			44								
†Vaudette Theatre	Picture show	3	1			24, 70								
†Vices Restaurant	Restaurant	3	4			70								
†Victor Furniture Co	Furniture	12	3			60								
†Victoria Hotel	Hotel		1			56								
†Vinci, J. M. & Co	Fruits and produce	8				60								
†Virginia Amusement Co	Picture show	2	3			24								
†Vista Theatre	Picture show	2	2			21								
†Volney Restaurant	Restaurant	4	4			70								
*Vondersaar & Co	Fruits and produce	14	3			48, 60								
†Vonnegut Hardware Co	W. & R. hardware	150	20	2		55								
†Von Spreckelsen, Albert	Planing mill and contractor	45				55	Steam	2				B.M.,S.D.	A, B	
†W. & W	Saloon	6				72								

INDIANAPOLIS, MARION COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Wachtel, John	Rendering plant	7				60	Steam	1				Ins	H	
†Waddington, E. E.	Grocery	4	1			60, 72								
†Walk, Julius C. & Son	Jewelry store	9	5	1		54								
†Ward Bros. Drug Co	Wholesale drugs	31	11			51, 56								
†Warren Electric & Machine Co	Machine shop	15	1			48	Elec							
Warner-Leller Co.		2	2			50							B	
†Washington Hotel Co	Hotel	58	34			49, 56								
†Wasson, H. P. & Co	Department store	109	330	23	27	48	S. & E			1		Ins	H	
†Waverley Co., The	Manufacturing electric autos	393	26	2		50	Steam	7				Ins., S.D.	A, B, H	
†Wayne Theatre	Picture show	2	2			21								
†Webb-Smith Co.	House moving	5				55								
†Weber Drug Co	Drugs	45	27			50								
Weber Milk Co	Creamery						Steam	2				Ins	H	
†Wehking, Chas. F. Co	Brick contractors	18				44								
†Welsbach Co	Incandescent light supplies	18	3	1	1	54								
Western Cold Storage & Ice Co	Manufacturing ice	10				84	Steam	4				Ins	A, H	
†Western Furniture Co	Manufacturing furniture	57	1	2		57, 45	Steam	2				Ins., S.D.	A, B, H	
†Western Newspaper Union	Newspaper service	20	2			48							B	
†Western Oil Refining Co	Oil jobbers	64	4			59, 45								
†Western Union Telegraph Co	Telegraph service	304	90	161	13	54								
†Westing, G. H. Co	Sporting goods, etc	26	4			60, 48								
†West Side Theatre	Picture show	3	1			21								
†West Star Theatre	Picture show	1	1			14								
*Wheeler Dressed Beef Co	Wholesale meats	5	1			82								
†Wheeler & Shebler	Manufacturing carbureters	199	7			44	Elec							
†When Clothing Co	Clothing, etc	40	10			60								
†White's Furniture Store	Retail furniture	12				54								
†White's Restaurant	Restaurant	8	15			61								
†White Swan Distilling Co	Wholesale liquors	9				52								
†Whitney, Mme. N. Rue	Corsets, etc	6				48								
†Wiegand's, A. Sons Co	Florists	14	1			60, 54								
†Wiegel Show Case Co	Manufacturing show cases	16	1			58, 48								
†Wild, J. F. & Co	Banking	11	2			44								
†Wildey Hotel	Hotel	2	1			60								

†Wilhelm, C. A.	Painting contractors	10				47								
†Williams Auto Livery	Auto livery	8				70								
Williams Soap Co	Manufacturing soap						Steam	1		2		Ins., S.D.	H	
†Willis-Shores Co	Photographic supplies	4	4			54								
†Wilson, E. H.	Drugs	6				70								
Willis-Overland Co	Manufacturing autos						Steam	2				Ins	H	
Winona Technical Institute	School						Steam	2				Ins	H	
†Wise Bros	Brick contractors	18				44								
†Wolf & Ewing Const. Co	Contractors	24	1			48								
†Wood, Horace F., Transfer Co	Livery	40	3			60								
Woodruff Place Baptist Church	Church						Steam	1				Ins	H	
†Woodruff Place Cab & Transfer Line	Cab and transfer	8				60								
†Woollen & Callon	Plumbing	25				44								
†Worlds Fair	House furnishings	18	2			54								
†‡Worm & Co	Meat packing	130	5			60, 55	Steam	2				Ins		
†Wulschner-Stewart Music Co	Pianos, etc	5	2			60								
Wulsin Building		6				55							D, J	
Wysong Candy Co	Manufacturing candy	7	16			59							B, E	
††Yawger, A. J. & Co	Contractors	50				60	Steam			1		S. D.		
Yorger, Louis							Steam	1				Ins		
†Y. M. C. A	Y. M. C. A	39	12			56	Steam	3				Ins	H	
†Y. W. C. A	Y. W. C. A	6	21			56								
†Yuncker Bottling Works	Soda, etc	12				54								
†Zener & Stone	Insurance	6	6			60								
†Zeno Novelty Co	Manufacturing novelties	2	5			50								
Zero Ice & Coal Co	Manufacturing ice						Steam			2		Ins., S.D.		

INGALLS, MADISON COUNTY. (Population, ——.)

Erie Stone Co							Steam	1		1		Ins	H	

INGLEFIELD, VANDERBURGH COUNTY. (Population, 125.)

Inglefield Mill Co							Steam	1				Ins	H	

JACKSON, TIPTON COUNTY. (Population Census, 75.)

Fox & Davis	Grain elevator						Steam	1				Ins	H	

JAMESTOWN, BOONE COUNTY. (Population, 690.)

Name or Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Jamestown Milling Co	Flour mill						Steam	2				Ins., S.D.	H	
Ohio Oil Co., The							Steam	8				B. M		
Stafford Grain Co	Grain elevator						Steam	1				S.D., Ins		

JASONVILLE, GREENE COUNTY. (Population, 3,295.)

‡Calora Coal Co	Mining coal						Steam	3				Ins., S.D.		
‡City Coal Co	Mining coal						Steam	1				Ins., S.D.		
City Ice & Cold Storage	Ice						Steam	2				Ins., S.D.		
†Davis Hotel, The	Hotel		2											
†Delaware Hotel	Hotel		3											
†Goldstein, H	Picture show	2												
Green Valley Coal Co	Coal mining						Steam	4				Ins., S.D.	H	
Indiana Electric Transmission Co							Steam	3				Ins., S.D.	H	
‡†Jasonville Home Coal Co	Coal	6				46	Steam	1				S. D		
†Jasonville Mercantile Co	Mercantile	6	3			55								
†Jasonville Opera House	Theatrical	3	2											
Koplinger, Charles							Steam			1		S. D		
Monon Coal Co	Mining coal						Steam	6				Ins., S.D.	H	
‡†Queen Coal & Mining Co	Mining coal	150				48	Steam	5				S.D.,Eng.		
Smith, W. H. & Co	Grocery and meat	3	1	1		78, 66								
United Fourth Vein Coal Co							Steam	3				Ins., S.D.		
Vivian Collieries Co	Mining coal						Steam		2			Ins., S.D.	H	

JASPER, DUBOIS COUNTY. (Population, Census, 2,193.)

Bohnert, Albert M.	Flour mill						Steam			1		S. D.		
Eckert, A. W.	Flour mill						Steam		1			S. D.		
†Eckstein, Jos. L. & Sons	Saw mill	18				60	Steam	1				S. D.		
†Hochgesang, A. M. & Sons	Manufacturing brick	5				60	Steam	1				S. D.	H	
Jasper Brewery	Brewing beer						Steam			1		S. D.		
Jasper Creamery Association	Creamery						Steam	1				S. D.		
Jasper Electric Light & Water Plant	Light and water						Steam	3				S. D.	H	
†Jasper Furniture Co.	Office desks	86				60	Steam	1				S. D.		
†Jasper Ice & Cold Storage Co.	Manufacturing ice	6				84	Steam	1				Ins., S.D.		
Jasper Machine Works	Foundry and machine						Steam	1				S. D.		
†Jasper Novelty Works	Office desks	86	1	6		60, 54	Steam	1				S. D.		
†Jasper Planing Mill	Planing mill	15				60	Steam	1				S. D.		
†Jasper Veneer Mills, The	Saw mill	30				60	Steam	2				S. D.		
Rice, Fenn, Hub Co.	Manufacturing hubs						Steam	1				Ins., S. D.		
†Sondermann, Albert	General merchandise	2	3			55								
Victoria Milling Co.	Flour mill						Steam	1				S. D.		
†Wagner, Geo. P.	Vehicles	16				60								

JEFFERSON, CLINTON COUNTY. (Population, 150.)

Mollett Grain Co.	Grain elevator						Steam	1				Ins.	H	

JEFFERSONVILLE, CLARKE COUNTY. (Population, 10,412.)

†Akers, R. L.	Brick and coal	10				60	Steam							
American Car & Foundry Co.	Foundry						Steam	11	4	3		Ins.		
†Anderson, Geo. S. Co., The	Foundry and machine	14	2			60	Steam							
Antz, Chas. F.	Ice cream						Steam	2				Ins.	H	
†Bauer Machine Co.	Manufacturing harness sewing machines	9	1				Elec							
†Bensinger Home Furnishing Co.	House furnishings	5	2			54, 48								
†Burke, James E.	Coal	14				60								
City of Jeffersonville	Road roller						Steam			1		Ins.		
†Clagett Saddle Tree Co.	Manufacturing saddle trees	5					Steam	1				Ins.	H	
†Clark Printing Co.	Printing	4		4		54								
Duffy Ice Co.							Steam	2				Ins.	H	

JEFFERSONVILLE CLARKE COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Eagle Laundry	Laundry	5	9			55	Steam	1				Eng		
†Eberts & Bro	Flour and feed	25				60	Steam	1				Ins	H	
†First National Bank	Banking	4	1											
†Holmes, Albert	Wholesale grocery	4	1			60								
†Howard Ship Yards Co	Boat building	122				54	Steam	6						
Indiana Reformatory	Prison shops						Steam	5	2			S.D., Ins	H	
†Jeffersonville Baking Co	Bakery	13	1			60	Steam			1		Ins		
Jeffersonville Brick Co							Steam	1				Ins	H	
†Jeffersonville Canning Co	Canning	55	80			55, 50	Steam							
†Jeffersonville Mfg. Co	Manufacturing kitchen cabinets	32	1			60, 48	Steam	1				Ins	H	
†Jeffersonville Water, Light & Power Co	Water works	4	1				Steam	2				Ins		
†Lindley, J. T	Hardware and seeds	12	2			54, 42								
Louisville & Jeffersonville Ferry Co	Fern Grove Park						Steam	1		1		Ins		
†News & Democrat	Newspaper	3	2			48								
†O'Neil & Rose	Coal	16				60								
Pfaus, George, Sons	Manufacturing lard oil						Steam	1				Ins		
Scheen, Geo. A	Oil works						Steam	1				Ins	H	
*Stauss Hotel	Hotel	3	2			48								
United Gas & Electric Co	Light and power						Steam	1				Ins		

JOHNSONVILLE, WARREN COUNTY. (Population, Census, 75.)

Cadwallader, Ira							Steam	1				Ins	H	

JONESBORO, GRANT COUNTY. (Population, 1,573.)

†Indiana Rubber & Insulated Wire Co	Manufacturing insulated wire, etc	337	47		15	65, 55	Steam	3	2			Ins., S.D.	A, C, H	Good.

JONESVILLE, BARTHOLOMEW COUNTY. (Population, 213.)

Griffith, H	Grain elevator						Steam	1				S. D	H	
Ross, S. F	Grain elevator						Steam	1				Ins., S.D.	H	

JUDYVILLE, WARREN COUNTY. (Population, 75.)

Davis Grain Co	Grain elevator						Steam	1				Ins		

KANKAKEE, STARKE COUNTY. (Population, Census, ——.)

Indiana Pipe Line Co	Pumping oil						Steam	6				B. M		

KEMPTON, TIPTON COUNTY. (Population, 600.)

Barnett, L. H	Bakery	2				60							G	Fair
Home Canning Co	Canning factory						Steam	2				Ins	H	
Jordan & Connaroe							Steam	1				Ins	H	
†Kempton Tile Works	Manufacturing drain tile	25				60	Steam	2						
Lindley, Thomas F	Tile mill						Steam	1				Ins		

KENDALLVILLE, NOBLE COUNTY. (Population, 4,981.)

‡†Baker, J. R. & Sons Co	Furniture and hardware specialties	7	1			59	Steam	1				S. D		Good
†Bluhm & Rath	Manufacturing cigars	1	4			50							B	Good
City of Kendallville	Light and water						Steam		3			S. D		
*Cline Bros. Lumber Co	Coal and lumber	6				60							A, B	Good
‡De Voe, Jesse	Manufacturing drain tile						Steam	1				S. D		
†Deibele, John	Lumber yard	18				59	Steam	2				Ins., S.D.	B, H	Good
†Flint & Walling Mfg. Co	Manufacturing windmills	326	4			59	Steam		2			Ins., S.D.	H	
Hess, Fred G	Bakery	2	1			60							B, G	Good

KENDALLVILLE, STARKE COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.				Boilers Inspected and by Whom.	Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.			
†Hotel Kelly	Hotel	7	3			70								
Indiana Fuel & Light Co	Gas and light						Steam	1		1		Ins	H	
†Keller, J. & Co	Department store	5	10			63							B	Good
Kendallville High School	School						Steam	2				S. D		
Kendallville Mfg. Co	Manufacturing gloves						Steam	1				Ins., S.D	B, H	Good
†Kendallville Publishing Co	Newspaper	9	2			54							A, B	Good
†Kendallville Steam Laundry Co	Laundry	4	14			60	Steam	1					A, B	Good
Kendallville Water & Light Co	Water, light and power						Steam		3			S.D., Ins		
‡Kriwitz Bros	Flour and feed						Steam	1				S.D.,Eng		
Lang, John H	Manufacturing cigars	1	2	1		48							B	Good
L. S. & M. S. Ry. Co	Pump station						St am			1		S. D		
*McCray Refrigerator Co	Manufacturing refrigerators	290	10			60	Steam	4				Ins	H, A, B	Good
‡Mager & Son	Manufacturing artificial ice	7				60	Steam	1				Ins., S.D	B	Good
†Miller & Hoy Mfg. Co	Manufacturing steel tanks	15				60							A, B	Good
Mortimer, James D							Steam		3			Ins		
*New Reyher Hotel	Hotel	2	6			70								
†Raber & Lang Mfg. Co	Manufacturing concrete machinery	8	1			60								
†Specialty Case Co	Manufacturing show cases	42	4			59	Steam	1				Ins., S.D		
Steckley, George	Feed mill	2				60							B	Good
Toledo & Chicago Ry. Co	Power						Steam		3			Ins., S.D		
Tri State Casket Co	Manufacturing caskets	2	1			60							B	Good
Vetter, C. B	Bakery	3				60							B, G	Good

KENNARD, HENRY COUNTY. (Population, 449.)

†Kennard Canning Co	Canning factory	15	35			60	Steam	1				Ins., S.D	H	
Ricketts, F. N	Saw mill						Steam	1				Ins	H	
Ulrich, J. B	Saw mill						Steam	1				S. D		

KENNETH, CASS COUNTY. (Population, 31.)

†Casparis Stone Co	Crushed stone	171	1	3		60	Steam	2		7		Ins	H	

KENTLAND, NEWTON COUNTY. (Population, Census, 1,209.)

Benedict & Harmon	Grain elevator						Steam	1				Ins		
Interstate Public Service Co	Ice plant						Steam	2				Ins	H	
McRay, Morrison & Co	Grain elevator						Steam	1				Ins		
Town of Kentland	Water works						Steam	1				Ins		

KEWANNA, FULTON COUNTY. (Population, 728.)

Cook Bros	Manufacturing tool handles						Steam	1				S. D		
*Golden Chain Creamery	Creamery	5	1			56	Steam	1						
Jordan & Baird	Flour mill						Steam	1				S.D., Ins	H	
Penrod, J. F	Creamery						Steam	1				S. D		

KEYSTONE, WELLS COUNTY. (Population, 242.)

Light, D. L. & Bros	Grain elevator	2					Steam	1				S. D		

KINGMAN, FOUNTAIN COUNTY. (Population, 535.)

†Hotel Woody	Hotel													
Kingman Grain & Milling Co	Flour and grain						Steam	1				S. D		
Kingman Hotel	Hotel													
Kingman Milling Co	Mill						Steam	1				B. M		
Kingman Tile Works	Manufacturing tile	8				60	Steam	1				B. M		
Moore, H. J	Saw mill						Steam	1				S.D.,B.M.		
†S. B. Coal Co	Mining coal	12				48	Steam	1				S. D		

KINGSBURY, LAPORTE COUNTY. (Population, 241.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Baker, F. H	Feed grinding	1					Steam			1		S. D		
Kingsbury Creamery Co	Creamery	2					Steam	1				S. D		
Wabash Railroad Co	Pump station						Steam			1		B. M		

KIRKLIN, CLINTON COUNTY. (Population, 699.)

Banner Milling Co	Flour mill						Steam	1				Ins		
Favorite Grain Co	Flour mill	4					Steam	1				Ins., S.D		
†Kirklin Clay Mfg. Co	Drain tile and brick	7		2		60	Steam	1				Ins., S.D	H	
Kirklin Creamery Co	Creamery						Steam	1				Ins	H	
Kirklin Grain Co	Grain elevator						Steam	1				S. D		
Owens Bros	Saw mill						Steam	1				Ins., S. D.		

KIRKPATRICK, MONTGOMERY COUNTY. (Population, 150.)

Halstead, J. P	Grain elevator						Steam	1				Ins		
Kirkpatrick Grain Co	Grain elevator						Steam	1				Ins		

KLONDYKE, TIPPECANOE COUNTY. (Population, 100.)

C. & E. I. Ry. Co							Steam	2	2			Ins		

KNIGHTSTOWN, HENRY COUNTY. (Population, 2,008.)

City of Knightstown							Steam		2			Ins	H	
†Columbia Electric Co	Manufacturing automobiles	6				55								
Hensley, B. F	Greenhouse						Steam	4				Ins	H	
*Knightstown Conserve Co	Canning factory	10	6	2	4	30								
†Norwood Hotel	Hotel	2	3			60								
†Norwood Lumber Co	Retail lumber, etc	6	1			54								
†Parrish-Alford Fence & Machine Co.	Manufacturing fencing	46	4			65								
West View Floral Co	Greenhouse						Steam	1				Ins	H	
†Wilkinson, T. B. & Co	Grain dealers	9				48								
*Williams, Geo. W. Co	General merchandise	4	5			60								

KNIGHTSVILLE, CLAY COUNTY. (Population, 1,081.)

†Baird & Son	Mining coal	9				48	Steam	1				Eng		

KNOX, STARKE COUNTY. (Population, Census, 1,644.)

Bishop Creamery Co	Creamery						Steam	1				S.D., Ins	A, B, C	Good
City Steam Laundry	Laundry	3	1			60	Steam			1		S. D	A, B, C	Good
Geibel, Harry	Bakery	3				48							B	Good
Guyatt, Wm	Flour and feed	3				60	Steam	1				Ins		Good
†Harvitz Bros	Produce	5				60								
Hesley, L. C	Manufacturing cigars	3				48							B	Fair
Knox Electric Light Co	Light and power	2				84	Steam	2	1			S. D	B	Good
Knox Elevator & Roller Mills	Flour, feed and grain						Steam	1				S. D		
†Knox Metal Wheel Co	Manufacturing metal wheels	10	2	8		55	Steam	1				S. D	A, C, H	Good
Knox Pickling Works	Salting pickles	2				60	Steam	1				B. M		Fair
Knox Water Works	City water	1												
Rodgers, Geo. W	Saw mill						Steam	1				Ins., S.D		
Starke County Democrat	Newspaper	2	2			54							B	Good
Steel, E. R	Bakery	2	1			60							B, G	Good
Wells, Guy N	Grain elevator						Steam	1				Ins., S.D		
†Winona Telephone Co	Telephone	13	36											

KOKOMO, HOWARD COUNTY. (Population, Census, 17,010.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Apperson Bros., Auto Co	Manufacturing automobiles	293		5	9	60	Steam	2				Ins., S.D		
†Armstrong-Landon Co	Manufacturing hdw. and lumber	46			2	60	Steam	1				Ins	H	
‡†Barlow, C. M	Grain and flour	4	2			60	Steam	1				S.D.,Eng		
†Bournique Glass Co	Manufacturing glassware	60	5	5		54	Steam	1				Ins	H	
†Broadlick, Henry	Bakery	7				60								
†Bruner Coal Co	Coal and lumber	20	2			60	Steam			1		S. D		
†Bryant, T. O	Paints and wall paper	9	1			54								
Buck, Clyde D. & Co	Manufacturing farming tools						Steam	1				S. D	H	
†Central Closet Mfg. Co	Manufacturing plumbers' goods	53	2			60								
†Chute, H. E. Piano Co	Retail pianos	5	2			60								
†Citizens National Bank	Banking	9				45								
†Citizens Telephone Co	Telephone	18	38			54								
Coles, L. A	Florist	4					Steam	2				S. D	H	
†Daily, O. H. & Co	Wholesale cigars and tobacco	6	1			55								
†Davis & Williams	Clothing and tailoring	17	3			65								
†Dispatch, The	Newspaper	8	2			48								
†Eikenberry, Bros	Vehicles, harness, autos	19	1			60								
†Ellis Bros	Retail coal	9				60								
†Farmers Trust & Savings Bank	Banking	10				48								
†Ford & Donnelly	Foundry and machine shop	35				60	Steam	1				B. M		
†Francis Hotel Co	Hotel	24	6			60								
†Franklin Hotel	Hotel		1			48								
†Fridlin Laundry	Laundry	6	16			54	Steam	1				Ins., S.D		
†Garritson, James H	Grocery	7	2			50								
†Globe Stove & Range Co	Manufacturing stoves	386	11		1	54	Steam	3				Ins., S.D	H	
*Great Western Pottery Co	Manufacturing plumbers' earthenware	170	5			58	Steam	2				Ins	H	
†Hamer Lumber Co	Retail coal and lumber	5				60								
†Hansell Coal Co	Coal and lumber	12				60	Steam			1		Ins., S.D	H	
†Haynes Automobile Co	Manufacturing automobiles	397	7			60	Steam	2				Ins	H	
†Hocks Transfer Co	Transfer	5				72								
†Hotel Albert	Hotel													
†Howard National Bank	Banking	8				54								
*Ideal Theatre	Picture show	1	2			60								
‡†Indiana Lumber Co	Manufacturing lumber	37	1			60	Steam	1				S. D		

†Indiana Railways & Light Co	Interurban street railway	169	6			54	Steam		10			Ins	H	
†Jenkins, D. C. Glass Co	Manufacturing glass	206	28			54	Steam	2				Ins	H	
†Jerrell's Hand Laundry	Laundry	3	7		1	55								
†Jinkerson, Chas	Grocery	5				60								
†King-Kennedy Clothing Co	Retail clothing	12	1	2		60								
*Kingston, George	Drugs and groceries	8	2			65								
†Klein Bros	Junk	56				59								
†Kneer Board & Paper Co	Manufacturing boxboard	70				66	Steam		3			Ins	H	
Knipe, Thomas L							Steam	1				B. M		
†Kokomo Bale Tie Co	Manufacturing steel wire and bale ties	15	1			60								
†Kokomo Brass Works	Manufacturing auto accessories	238	4	10		60	Steam			1		B. M	H	
†Kokomo Canning Co	Canning factory	150	200	10	12	60	Steam	4						
†Kokomo Drain Tile factory	Manufacturing drain tile	8				48	Steam	1				B. M		
†Kokomo Dry Goods Co	General merchandise	8	28		3	57								
†Kokomo Electric Co	Manufacturing electrical apparatus	98	21	6	4	60								
*Kokomo Gas Co	Artificial gas	7				60	Steam	2				B. M	H	
†Kokomo Hardware Co	Hardware	6				60								
*Kokomo Laundry	Laundry	6	6		9	54	Steam			1				
Kokomo, Marion & Western Traction Co	Traction line						Steam		10			B. M		
*Kokomo Nail & Brad Co	Mfg. nail and drilling machines	125	12		3	60	Steam	3				B. M		
†Kokomo Opalescent Glass Co	Manufacturing opalescent sheet glass	42				54	Steam	2						
†Kokomo Rubber Co	Manufacturing rubber tires, etc	147	2	1		48, 58	Steam	9				Ins	H	
†Kokomo Sanitary Mfg. Co	Manufacturing sanitary pottery	67	3			48, 60	Steam	1						
‡Kokomo Sanitary Milk & Ice Cream Co	Milk and ice cream	13	2	1			Steam	2				I.SD.,Eng		
*Kokomo Steel & Wire Co	Manufacturing wire	733	6	3	1	48, 60	Steam	1	17			Ins	A, G, H	
†Kokomo Stone Co	Crushing stone	16	1			50, 60								
†Kokomo Tribune	Newspaper	15	2			48								
†Kokomo Trust Co	Banking	7	3			50								
†Kokomo Water Works	Water supply	8				84	Steam	3				Ins., S.D	H	
†Korby, Frank	Manufacturing cigars	8	3			48								
†Laymon's, R., Produce Co	Commission and grocery	10	2			60								
†Leach, J. M	Manufacturing brick and ice	78	2	2		40, 84	Steam	2		3		Ins., S.D	H	
†Lyric Theatre	Motion pictures	1	2			48								
†McKee & Rule	Grocery	11	1			69, 56								
†Miller Company, The	Proprietary medicine	3	24		6	50								
*Miller Furn. Co	Retail furniture	6	1			60								
Morrison & Thompson	Elevator	3					Steam	1				S. D	H	
†National Mitten Works	Manufacturing gloves and mittens	3	42		5	58	Elec							
†Oliver Hotel	Hotel	1	2			84								
Opalescent Glass Works	Manufacturing glass						Steam	2				Ins	H	
†Peoples Barber Shop	Barber shop	9				81								
†Pictureland Theatre	Moving picture	2	3			45								
†Pinnell-Kemper Lbr. Co	Lumber	15				60	Elec							
†Pittsburgh Plate Glass Co	Manufacturing plate glass	686				60	Steam		5	3		Ins	H	
†Planhard Mfg. Co	Manufacturing carburetors	4	1			55								
†Rapp, T. C	Department store	16	8			62								
Rauschart, J. P	Elevator	2					Steam	1				S. D	H	
†Rockford Bit Co	Manufacturing carpenters' tools	134	2		1	60	Steam	1				Ins		
†Sailors Bros. Co., The	Furniture, stoves, etc	8	3			63								
†Sailors Bros. Packing Co	Canning	18	27			48	Steam	2				Ins., S.D		

KOKOMO, HOWARD COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†St. Edward Hotel	Hotel													
†Schwenger's Bakery	Bakery	14				60	Elec							
†Seward, C. F. & Son	Garage	6	1			60								
†Sipe Theatre	Theatrical	2	1			36								
†Smith, J. H	General cement work	10				60								
†Star Theatre	Moving pictures	2	1	2	2	48								
Stevens & McIntosh							Steam	1				Ins	H	
†Thalman & Levi	General merchandise	25	100			60								
†Tudor, S. & Co	Butter, eggs and poultry	33	4			60	Steam	1				B. M		
†Turner, Wm. H. & Co	Dry goods, etc	10	20			60, 54	Elec							
†Ulrich Mfg. Co	Saddlery	15	45			55, 50								
†Vaile Shoe Co	Retail shoes	10				51								
†Vrooman-Smith Printing Co.	Printing	8	7			48								
†Wagner, H. F	Hardware, implements, etc	6				60								
†Walton & Macke Nail Co	Manufacturing nails	17	1			59, 48	Elec							
†White House Bakery & Restaurant	Bakery and restaurant	3	2											
†Williams Bros	Groceries and meats	22	1			63								
Wilson, S. F	Tile factory	8					Steam	1				S. D		
†Worth Wire Works	Manufacturing	7				50	Elec							

KRAMER, WARREN COUNTY. (Population, 212.)

†Indiana Springs Co	Hotel	80	56			63, 56	Steam	3					H	

LA CROSSE, LAPORTE COUNTY. (Population, Census, 350.)

Bailey, S. D. & Co	Grain elevator						Steam	1				S. D	H	
†Hotel Machler	Hotel		2											

LADOGA, MONTGOMERY COUNTY. (Population, 1,148.)

Ashby, Robert L	Grain elevator						Steam	1				Ins., S.D	H	
Hardin & Son	Flour mill						Steam	1				S.D.,Eng		
†Havens Bros	Poultry, eggs, etc	7	3			60, 48								
‡Huntington, H. S. & Son	Planing mill						Steam	1				S.D.,Eng	H	
Knox, Emily C							Steam	2				Ins	H	
†Ladoga Canning Co	Canning vegetables	140	160	6	8	60, 55	Steam	2				Ins., S.D	H	
Ladoga Light Co	Electric light						Steam	1				Ins., S.D	H	

LAFAYETTE, TIPPECANOE COUNTY. (Population, 20,081.)

†American Hotel	Hotel	3	2			48								
American Laundry & Cleaning Co	Laundry						Steam	1				Ins., S.D	H	
†Anderson, Peter, Carriage Works	Carriages, etc	15				60	Elec							
†Ankeny, C. H. & Co	Jewelers	5												
†Arc Theatre	Motion pictures	3	1			42	Elec							
†Atlas Produce Co	Produce	10	5			60, 48	Elec							
†Baltimore Clothing House	Clothing, etc	15				60								
†Barbee Wire & Iron Works	Manufacturing iron and wire goods	130	3	10		50	Steam	1				Ins	H	
†Beck & Frasch Grocery Co	Grocery	6	1			50								
†Becker, Miss L. & Co	Millinery		9		1	54								
†Berry Confectionery	Confectionery	1	6		3	56								
†Biggs, B. F. Pump Co	Manufacturing pumps	20	2		2	59, 55								
Board of County Commissioners	Court house						Steam	3				Ins	H	
Board of County Commissioners	Jail						Steam	1				Ins	H	
Board of County Commissioners	Poor farm						Steam	2				Ins	H	
†Bohrer, Geo. A., Brewing Co	Brewery	32				48	S. & E	3				S.D., Ins	H	
†Born & Co	Coal and ice	14	1			60	Steam	1				Ins., S.D	H	
†Box, N. W. Shoe Co	Retail shoes	7	1			58								
†Bradbury, Martin & Co	Plumbing, etc	10				48								
†Brotherhood Painters,Decorators and Paper hangers of America		7	22			44								
†Buscher, John F	Barber	6				65								
†Callahan, C. Co., The	Wholesale grocery	14	1			60, 48								
*Cassel, Jas. H	Job printing	2	1			48								
Chamberlin Ice Cream Co	Manufacturing ice cream	9	1			70, 60	Steam	2				Ins., S.D	H	
†Chew, Joshua & Co	Building contractor	35				54								
†Chicago, Indianapolis & Louisville Ry. Co	Transportation	3,450	50				Steam		3	2		S.D.,B.M.		
Cleveland, Cincinnati, Chicago & St. L. Ry							Steam			1		B. M		
City of Lafayette	High Schools						Steam	2				Ins	H	
City of Lafayette	Water works						Steam	4	3			Ins., S.D	H	
†City National Bank	Banking	6	3			45								
†Clark Brothers	Grocery, etc	5	1			60								
*Columbia Amusement Co	Theatrical	9	1			40								
Crabbs, Reynolds & Taylor Co	Grain elevator	11					Steam	1				Ins., S.D	H	
†Crouch, J. & Son	Horses	35				54	Elec							

LAFAYETTE, TIPPECANOE COUNTY—Continued.

Name or Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
*Crown Laundry Co	Laundry	8	16			55	Steam	1				Ins., S.D.	H	
*Curtis, S. C. Sons & Co	Wholesale dry goods	6	6											
†Dewenter & Co	Hats, etc	17	1			60, 55								
†Dorner, F. & Sons Co	Florists	19	1			60, 48								
†Dryfus Packing & Provision Co	Pork and beef packers	74	1			60	S. & E	2				Ins., S.D		
Dryfus, Fred, Packing Co	Abattoir						Steam	3				S. D		
†Dryfus Theatre	Theatrical		1											
†Duffy & Means Candy Co	Manufacturing candy	12	10			56	Steam			1		Ins	E, H	Good
†Duncan Electric Mfg. Co	Manufacturing electric meters, etc	109	40	1	3	55	Steam	1	1			Ins	A, C, H	
†Eagle Furniture Co., The	Furniture, etc	4	2			60								
*Efroymson, Isaac	Dry goods	3	7			57								
†Farmers & Traders Bank	Banking	6	4											
†Fashion Cloak & Suit Co., The	Ladies coats and suits	1	9			63, 57								
†First National Bank	Banking	8												
†Folckemer, Wm. Son	Cabinet shop	5				60								
Fort Wayne & Northern Indiana Traction Co.	Power house						Steam		6			S.D., Ins	H	
†Fountain Cigar Co	Manufacturing cigars	2	5			48								
General Service Co							Steam		5			Ins		
†Globe Clothing & Tailoring Co	Clothing	6	2			60								
†Goldsberry, Edgar Co	Retail shoes	7	1			60, 45								
†Haywood, Burt Co	Publishing and printing	66	39			48	Elec							
†Hotel Bramble	Hotel	6	6			72, 48								
†Hotel Lahr	Hotel	30	20				Steam	2				Ins	H	
†Howe & Shipley Co., The	Hardware	5				63								
†Howell Bottling Co	Bottling	6				48	Elec							
†Hub, The	Clothing, etc	7	2											
†Independent Lumber Co	Lumber	10				60	Steam	1				S. D		
Indiana Lighting Co							Steam		3			Ins., S.D	H	
Indiana State Soldiers' Home							Steam	6				Ins	H	
*Indiana Wagon Co	Manufacturing wagons	94	1	5			Steam	3				S.D., Ins	A	
†Jackson, William M	Street contractor	8				60								
†Jamison Bros. Co	Hardware, etc	9	1			60, 48								
†Jaques Packing Co., The	Poultry, etc	5	6			60, 48								
†Jaques & Southworth Co	Books	9	7	1		60								

†Johnson, C. F	Dry goods	5	32			54							
†Kemmer, A. E	Contractor	50				60							
†Lafayette Artificial Ice Co	Ice	28	2			70	Steam	2			S.D., Eng		
†Lafayette Auto Co., The	Automobiles	6	1			54, 48							
†Lafayette Box Board & Paper Co	Manufacturing strawboard	149	1			60, 48	Steam		4		Ins., S.D	A, H	Good
†Lafayette Carpet & Rug Co	Manufacturing carpets	6	7	2	1	54	Elec						
†Lafayette Courier	Newspaper	20	2			48	S. & E			1	Ins., S.D	H	
Lafayette Electric & Mfg. Co							Steam		2		Ins	H	
†Lafayette Engineering Co., The	Contractor	54	2			48	Steam	1			S. D		
†Lafayette Granite Co	Monuments	7	1			54							
†Lafayette Hominy Mill Co	Grain	6				54	Steam	2			S.D., Ins	H	
*Lafayette Ice Cream Co	Manufacturing ice cream	4	1			70, 58							
†Lafayette Life Insurance Co	Life insurance	16	8			44							
†Lafayette Loan & Trust Co	Banking, etc	5	2			54							
†Lafayette Lumber & Mfg. Co	Planing mill	35				60	Steam	1			S.D., Ins	H	
†Lafayette Milling Co	Wheat and corn milling	5				60	Steam	1			S.D., Ins		
†Lafayette Notion Co	Notions	5	2			45							
†Lafayette Pharmacal Co	Manufacturing pharmacists	4	2			48							
†Lafayette Telephone Co	Telephone	18	48			54							
†Lane-Pyke Co	Plumbing	25				48, 60							
†Levandowski, Peter	Contractor	9		1		54							
†Levy & Rice	Making skirts	3	20			50	Elec						
†Lewisburg Stone Co	Gravel	10				60							
†Loeb & Hene Co	Dry goods	30	59		6	54, 57							
†Lyman, H. B	Coal, etc	9	1			60, 48							
†Lyric Theatre	Motion pictures	4	3			37							
*Main Hotel	Hotel and restaurant	3	5										
†Mammoth Grocery Co	Retail grocer	2	6			60, 54							
†Mathews-O'Rear Co	Manufacturing confectionery	10	5			60							
*McGrath Foundry & Machine Works	Foundry	9	1			54	Elec						
*McGuire, John M	Coal	5				60							
*McWilliams, J. M	Grocery and meat market	5	1			55							
Merchants Electric Light Association							Steam		5		Ins., S.D	H	
†Merchants National Bank	Banking	11				48							
†Moore & Kemple Hardware Co	Hardware	5	1			57							
†Morgan, M. B	General merchandise	11	4			65, 54							
Motsinger Device Mfg. Co	Manufacturing dynamos, etc	46	5			57, 45	S. & E			1	S. D		
†Munger, Ed., Lumber Co	Lumber	8	2			59							
†Murphy-Bivins Co	Printing, etc	15	9			47							
†National Fowler Bank, The	Banking	7				48							
National Refining Co							Steam	1			S. D		
†Neumann, J., Hardware Co	Hardware, etc	5	1			48							
†North American Life Insurance Co	Life insurance	20											
†Palace Hotel	Hotel	4	1			54							
†Peerless Wire Goods Co	Manufacturing wire and iron goods	29	1			59, 54	Elec						
†Peirce, O. W. Co	Wholesale groceries	19	11			54							
†Peoples Restaurant	Restaurant	7	2			70							
†Plaza Hotel	Hotel	1	1			70							
†Pottlitzer, Herman Sons Co	Wholesale fruits and produce	8	1			60, 54							
†Pottlitzer, Leo & Son Co	Wholesale fruits	6	2			60, 45							

LAFAYETTE, TIPPECANOE COUNTY—Continued.

Name or Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Prass Shoe Co., The	Shoes	6	1	1		63, 57								
†Price's Hotel	Hotel	2	2			84, 63								
†Reifers Furniture Co	Furniture	6	1			63, 56								
†Reule, Fred	Hardware, etc	9	1											
†Rinker, Claypool Music Co	Music	4	2			60, 54								
†Rosenthal, Henry	Clothing	6	1			60, 51								
†Ross Gear & Tool Co	Automobile parts	90				58	S. & E			2		Ins., S.D	A, H	
*Rugers, John B. Sons Co	Bakery	16	6			60, 54	Elec							
St. Elizabeth Hospital	Hospital						Steam	4				B. M		
†St. Nicholas Hotel Co	Hotel	6	4			54								
†Saller, Harrington Co	Funeral directors	5												
†Sattler & Sons Co., The	Tailoring	7	2											
†Schafer Bros. Grocery Co	Grocery	6	1			72, 60								
†Schnaible, M. & J. Co., The	Soap manufacturers	11				59	S. & E	2				Ins., S.D	H	
Schnaible, M., Grain Co							Steam	1				Ins., S.D	H	
†Schwab Safe & Lock Co., The	Safes	48	2			60	S. & E	2				Ins., S.D		
†Schultz, M	Department store	30	60		10	56, 50								
*Scroggy Shoe Co	Shoes	4	1											
*Seegar Transfer & Livery Co	Livery and transfer	30				60								
†Shanks European Hotel	Hotel	2	1			84								
†Sheehan, Edward L	Contractors	8				54								
*Shigley, Miss Bessie	Dressmaking		5			54								
†Shnee, Bahls Hardware Co	Hardware	10	2			60, 54								
Standard Oil Co	Oil						Steam			1		Ins	H	
†Star City Bottling Works	Bottling pop and beer	8		2		48								
†Stitz Co	Blacksmith, etc	6												
†Stoy, W. V. Co	Furniture, etc	4		1										
†Strate, J. M. & Son	Contracting	8	1			54								
*Taylor Lumber Co	Manufacturing mill work, etc	33				60	Steam	2				Ins	H	
†Thieme & Schuessler Co	Dry goods, etc	14	26			58								
†Thieme & Wagner Brewing Co	Manufacturing lager beer	46				54	S. & E		2			Ins., S.D	H	
Wabash Railroad Co	Pump station						Steam	2				B. M		
†Wallace Machine & Foundry Co	Foundry	29	1			54, 48	Elec							
†Weist, Lawrence	Barber	6				67								

†Wells, Yeager, Best Co	Druggists	4	1	1		63, 51								
†Werkhoff, A. E	Plumbing	10				48								
†Western Construction Co., The	Contractors	93	2			60, 42								
†Wolcott Dredging Co	Building drains	14	2			60								
†Zinn, W. H. Co	Department store	18	52	5	8	57								

LAFOUNTAINE, WABASH COUNTY. (Population, 683.)

Kennedy, Simon	Saw mill						Steam	1				S. D		

LAGRANGE, LAGRANGE COUNTY. (Population, 1,772.)

Avis, Geo. F							Steam	2				Ins	H	
County Commissioners	County building						Steam			1		Ins	H	
‡Fyke Milling Co	Flour and Feed						Steam	1				S.D.	H	
Home Grain Co	Grain elevator						Steam	1				S.D., Ins.	H	
Lagrange Water Works	Water works						Steam	2				Ins., S.D.	H	
Murray, W. W	Artificial ice						Steam	1				Ins., S.D.		
† ‡Stroup, P. N. & Co	Saw mill	8				60	Steam	1				S. D	H	

LAKETON, WABASH COUNTY. (Population, 600.)

Indiana Pipe Line Co	Pumping station						Steam	6				B. M		

LAKEVILLE, ST. JOSEPH COUNTY. (Population, Census, 227.)

Schlosser Bros	Creamery						Steam	1				Ins	H	
Wabash R. R. Co	Pumping station						Steam	1				B. M		
Wilson, W. T. Co							Steam	1				Ins	H	

LANESVILLE, HARRISON COUNTY. (Population, 290.)

†Zabel & Son	Flour and saw mill	18				60								

LAOTTO, NOBLE COUNTY. (Population, 300.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Sears, D. M. & Co.	Salting station	3				60							B	Fair.

LAPEL, MADISON COUNTY. (Population, 1,045.)

†‡Lapel Bottle Co., The	Manufacturing glass bottles	115				54	Steam	1				S.D.,Eng.	H	
Lapel Canning Co.	Canning	25	80				Steam	2				Ins., S.D.	H	Good.
Shetterly Bros.	Grain elevator	3				60	Steam	1				S.D.,Eng.		Good.
Woodward Bros.	Grain elevator	3				60	Steam	1				S.D.,Eng.	B	Good.
Woodward Lumber Co.	Lumber	7				60	Steam	1				S.D.,Eng.	B	Good.

LAPLAND, MONTGOMERY COUNTY. (Population, 20.)

Crabbs, Reynolds & Taylor Co.	Grain elevator						Steam	1				Ins.		

LAPORTE, LAPORTE COUNTY. (Population, Census, 10,525.)

*Ackerman, Jake & Co.	Road contractors	20				54								
†American Laundry	Laundry	9	36			60, 55	Steam	1				Ins., S.D.	A, B	Good.
†American Seating Co.	Manufacturing blackboards	8				60	Elec.						B	Fair.
†Andrew, A. P. Jr. & Son	Banking	4	2											
*Argus Bulletin Co.	Newspaper	15	1			54, 48							B	Good.
†Art Manufacturing Co.	Manufacturing picture frames	20	4			60								
†Automobile Maintenance Co.	Garage	5				60	Steam			1		S. D.		
*Bank of the State of Indiana	Banking	5	1			42								
Bass, Fred	Rendering						Steam			1		S. D.		
*Beckwith United Stores	Five and ten cent store	1	5			54							B	Good.

*Bennethum, Earl	Painting	6				54								
†Boston Store Co-Operative Co	Mercantile	8	15			55, 59								
Buck, Robert & Son							Steam	1				S. D		
Buckingham Bros. Co	Manufacturing coats and suits	40	109			54	Steam	1				S. D	A, B	Good
†Builders Mill Work Co	Manufacturing sash and door	6				55	Elec							
*Cable, Hobart M. Co	Manufacturing pianos	182	3			60	Steam	2				S.D., Ins	A	Good
†Carlbeck Hotel & Cafe	Hotel	1	4			63								
†Chicago Veneered Door Co	Manufacturing mouldings	21		2										
†Chulip Bros	Barber	6												
City of Laporte	School						Steam	2		2		S.D., Ins	H	
City of Laporte	Water works						Steam	1		2		Ins., S.D	H	
Columbia Bakery	Bakery						Steam	1				S. D		
Compressed Air Cleaning Co	Carpet cleaning	3											B	Fair
Cook, Fred C	Manufacturing cigars	3				48							B	Good
County of Laporte	Court house						Steam	2				S.D., Ins	H	
County of Laporte	Poor farm						Steam	1				Ins., S.D		
†Davidson & Porter	Dry goods	12	7			64, 56								
†Etropal, The	Motion pictures	3	1			40								
†Fairview Hotel	Hotel	8	8			70								
†First National Bank	Banking	8	1			48								
†Folding Furniture Co	Manufacturing furniture	28	6			57	Steam							
†Gangwer & Roberts	Plumbing, etc	10				60	Steam			1		S. D	A	Good
†Gerdes, Wm. J	Manufacturing cigars	6				48								Fair
*Grandstaff, B. W	Grocery	4	1			64, 48								
†Great Western Mfg. Co	Manufacturing bicycles	146	4			55, 50	Steam	2				Ins., S.D	A, D, H	Good
†Guenther & Zerweck	Brewing and bottling	7				60	Steam	2				Ins., S.D	H	Good
Hardin & Son							Steam	1				Eng		
*Hauze, F. C	Dry goods	2	4			58								
†Henoch, M. Co., The	Wholesale liquors	7				60								
†Hotel Laporte Annex	Hotel	1				42								
†Ideal Laundry Co	Laundry	4	13			60	Steam	1				Ins., S.D		Good
†Indiana Moulding & Frame Co	Manufacturing frames	51	3			60, 47	S. & E	1				Ins., S.D	B, H	Good
†"J" Street Milling Co	Flour and feed	6	1			60, 48								
†Kanney, Edward	Plumbing	8				54								
†Kellings Shoe Store	Shoes	4	1			66, 54								
*King, Frank J	Contractors	10				59								
†Knickerbocker Ice Co	Ice	20				60	Steam							
†Kramer Sons, Inc	Wholesale grocers	16	1			60	Elec							
†Kreidler Clothing Co	Retail clothing	7	1			53, 59								
Lamberson, Geo	Manufacturing pop	3				60							B	Fair
†Laporte Braiding Mills	Manufacturing shoe laces	4	26			54	Steam	1				Ins., S.D	A, B, C, H	Good
†Laporte Candy Kitchen	Confectionery	6				60								
†Laporte Carriage Co	Manufacturing carriages	40				50	Steam	2				Ins., S.D	H	
Laporte Elevator Co	Grain elevator	2				60							B	Good
*Laporte Gas & Electric Co	Light, heat and power	43	3	1		60, 54	Steam		5	2		Ins., S.D	B, H	Fair
†Laporte Harness Co	Manufacturing harness	13	1			59, 48	Elec							
Laporte Improvement Co	Skirt factory						Steam	1						
†Laporte Lumber & Coal Co	Lumber, coal	6				55								
†Laporte Milling Co	Flour and feed	6				60								Good
†Laporte Printing Co	Newspaper	12	4	3		54	Elec						A, B	Good

LAPORTE, LAPORTE COUNTY—Continued

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Laporte pumping station	Pumping water	4					Steam.	3						Good
†Laporte Radiator Co	Manufacturing sheet metal	50				55	S & E.			1		Ins., S.D	H	
†Laporte Sash & Door Co	Manufacturing sash and door	29		1		55	Steam.	1				Ins., S.D	H	
†Laporte Telephone Co	Telephone	21	26			54, 50								
†Laporte Woolen Mills	Manufacturing dress goods	198	77	3	4	60	Steam.		2			Ins., S.D	H	
†Larson, Danielson, Construction Co	Contracting	50				50	Steam.	4				S. D		
†Levi & Gottlieb	Scrap iron	8				60								
†Low Bros	Mens wear	5	2			57								
†Maple City Bakery	Bakery	5				60								Good
Maple Leaf Print Shop	Printing	4				54							A, B	Good
†Martine, Louis W	Teaming	10				59								
†McLane, Simon, Foltz Co	Dry goods, etc	11	11			60								
†McLelland, Buck & Wise Co	Manufacturing furniture	15				55	Steam.	1						
†Meinke, John & Son	Transfer	6				60								
†Meyer, Lindorf Co	Mercantile	5	18			60								
Midland Manufacturing Co							Steam.	2				Ins		
†Miller, A. J	Cigars and news	5	2			60								
Moe, Ingwald	Contractor						Steam.			2		S. D	H	
†Moore & Richter Lumber Co	Lumber	10				55								
New Rumely Hotel	Hotel	10	20				Steam.		2			S. D		
Niles & Scott Co., The	Manufacturing wheels for implements	100				59	S. & E	4				Ins., S.D	A, B, H	Good
*Noll, Christ	Liquor	7				60								
†Oberreich & Arnold	Jewelry, etc	4	4			60, 54								
†Oglesby, Lot. V	Grocery and bakery	9	1	1		60								Good
*Olson, J. A. Mfg. Co	Picture frames, etc	44	1			57	Steam.	3				Ins., S.D		
Olson & Stewart	Light and power						Steam.	2				Ins., S.D		
*Phoeniv Theatre	Motion pictures	10	1			18								
†Princess Theatre Co	Motion pictures	7	1			36								
†Pusch, Wm	Grocery	8	1			60, 48								
Rumely, M. Co	Manufacturing machinery	1,755	22	6	5	50, 46	Steam.	1	4	3		Ins., S.D	A, B, H	Good
*Rumely Products Co	Agricultural machinery	93	28	2	6									
*Rustic Hickory Furniture Co	Manufacturing summer furniture	13	10			59, 48	Steam.	1				Ins., S.D	A	Good
Sage, L. C							Steam.			1		S. D	H	
*Scholl Sanitary Dairy	Dairy	4	1			70, 48	Steam.	1				S. D	H	

†Sommerfield, A.	Livery	6				60								
†Steigely, F. W. & Son	Meat market	4	1	1		60, 45								
‡†Struss, Fred	Contractor	6				50	Steam.			1		S. D.	H.	
Suitatorium							Steam.			1		S. D.	H.	
†Vail Cooperage Co., The	Manufacturing hoops	45				60	Steam.	2				Ins., S.D.	B.	Fair.
†Wainscott, Jos.	Contracting	8				50								
†Wallace & Smith	Manufacturing blankets	35	80	2	3	60	Steam.	1				S. D.		
†Webber Hardware Co	Hardware	6				60								
†Wegner, W. C.	Blacksmith	10												
*Whorwell, T. A.	Contractor	5				44								
†Wilson, W., Lumber Co	Lumber, coal	9				60								
‡Wise, J. K.	Saw mill						Steam.	1				Eng., S.D.	H.	
Wolf Hotel Co	Hotel						Steam.		2			Ins.	H.	
Woolworth, F. W. Co	Five and ten cent store	7	2			54							B.	Good.
†Young Men's Christian Association		6	7			60								

LAUREL, FRANKLIN COUNTY. (Population Census ——.)

†Laurel Limestone Quarries	Stone	8												

LAWRENCEBURG, DEARBORN COUNTY. (Population, 3,930.)

†Batesville Lumber & Veneer Co	Veneer	16	4			60	Steam.	1				Ins., S.D.		
†Bauer Cooperage Co	Manufacturing cooperage	150				55	Steam.	3				Ins., S.D.	A, B, D, H.	Good.
†Bishop, Geo. H. & Co	Manufacturing saws	169	3			55	Steam.	3				Ins., S.D.		
City of Lawrenceburg	Light plant						Steam.	2				Ins., S.D.	H.	
†Cook, A. D.	Manufacturing deep well supplies	79		1		60	Steam.	1	1			Ins., S.D.		
†Diehl, H. P.	Fireworks	21	27			60								Good.
†Favorite Steam Laundry	Laundry	2	4			50	Steam.	1				Eng., S.D.		
Frolicher Shoe Co	Shoes						Steam.	1				Ins., S.D.	H.	
†Garnier, J. B., Brewery	Brewing beer	20				60	Steam.	4				Ins., S.D.	H.	
Greendale Distilling Co	Distillery						Steam.		4			Ins., S.D.		
Hoffmeier, A.	Bakery	3	1			60							B.	Good.
James & Meyer Buggy Co							Steam.	1				Ins., S.D.		
Kraus, C.	Bakery	3	1			60							B.	Good.
†Lawrenceburg Creamery Co	Creamery	7				60								
Lawrenceburg Gas Co	Gas	3				72							B.	Good.
†Lawrenceburg Roller Mills Co	Milling wheat	139	4			60	Steam.	3				Ins., S.D.	H.	
McCullough Drug Co	Wholesale drugs	2	3			51							B.	Good.
†Mitchell Brick Co., The	Manu facturing building brick	30				60	Steam.	1				Ins., S.D.	H.	
News, The	Newspaper	2	1			54							A, B.	Good.
*Ohio Valley Coffin Co	Manufacturing coffins	34	16			60	Steam.	1				Ins., S.D.		
Peerless Meat Market	Abattoir	3				60							B.	Good.
†Peoples Coal Co	Coal	25				60								

LAWRENCEBURG, DEARBORN COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Rossville Distilling Co., The	Distilling	80				60	Steam		6			Ins., S.D	A, D, H	Good
Squibb, W. P. & Co							Steam	2				Eng., S.D		
†Walsh, James & Co	Wholesale liquors	19				56	Steam	1				Ins., S.D		
Wesler, Fred	Coal						Steam			1		S. D		
*Wieman, A. & Co	Manufacturing furniture	12				60	Steam	1				Ins., S.D		

LEAVENWORTH, CRAWFORD COUNTY. (Population, 690.)

Leavenworth Pearl Button Co	Manufacturing buttons	46				58								

LEBANON, BOONE COUNTY. (Population, 5,474.)

†Adler, Phil, Co-operative Store Co	Department store	6	39			62, 57								
†Campbell, Smith, Ritchie Co	Manufacturing furniture	90				59, 48	Steam	3				Ins., S.D	H	
Citizens Electric Light & Power							Steam	2				Ins	H	
City of Lebanon	Schools						Steam	2				Ins		
City of Lebanon	Water works						Steam	2	3			S.D., Ins	H	
†Clute Hotel, The	Hotel	2	6			48								
Columbia Conserve Co	Canning						Steam	4				Ins., S.D		
†Daily Reporter	Newspaper	2	2			54								
†Farmers State Bank	Banking	9				54								
†First National Bank	Banking	7	1			60, 54								
†Fuller, Geo. C	Lumber	20				60	Steam	2				Ins., S.D	H	
†Grand Theatre	Theatrical	3												
Harter, Oscar							Steam	1				Ins		
Herdrich & Lemon	Saw mill						Steam	1				S. D		
†Home Laundry	Laundry	3	4			58	Steam	1				S. D		
Indiana Lighting Co	Light and gas						Steam	1				S. D	H	
Jenkins & Cohee	Elevator	3					Steam	1				Ins., S.D		

LEBANON, BOONE COUNTY—Continued.

Lebanon Heating Co	Heating						Steam	2	3			Ins., S.D.	H	
†Lebanon Telephone Co	Telephone business	6	15			54								
*Moore, Wilbur	Five and ten cent store	1	5			60, 48								
†Olympic Theatre	Moving pictures	2	3			36, 26								
†Pinnell, Coombs Lbr. Co	Retail lumber and coal	20	1			60, 54	Steam	1				Ins., S.D.	H	
Sanitary Milk Co	Creamery						Steam	1				Ins., S.D.	H	
†Schumate, J. W	Printing	7	2			54								
†Stanley, F. D	Dry goods	3	9			56								
Terre Haute, Indpls. & Eastern Traction Co							Steam		6			Ins., S.D.	H	
Wilcox Bros. Mfg. Co	Lumber, coal, etc	5				60								

LEESBURG, KOSCIUSKO COUNTY. (Population, 401.)

Baugher, Calvin	Saw mill						Steam	1				S. D.		
Leesburg Grain & Milling Co							Steam	1				Ins., S.D.		

LEITERS FORD, FULTON COUNTY. (Population, 200.)

Hoffman, Fred	Cider mill						Steam	2				S. D.		

LEO, ALLEN COUNTY. (Population, ——.)

Leo Cheese Co							Steam			1		Eng		

LEWISVILLE, HENRY COUNTY. (Population, Census, 446.)

†Lewisville Canning Co	Canning vegetables	10	30				Steam	1				Ins	H	

LEXINGTON, SCOTT COUNTY. (Population, 350.)

†Lexington Canning Co	Canning	30	50			50, 40	Steam	1						

LIBERTY, UNION COUNTY. (Population, 1,338.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
*Carter Paint Co	Manufacturing paints	7	2			58	Steam	1				Ins	H	
City of Liberty	Water works						Steam	2				Ins	H	
County of Union	Court house						Steam				1	Ins	H	
County of Union	Poor farm						Steam	1				Ins	H	
Crystal Ice Co	Manufacturing ice	2					Steam	1				Ins	A, D, H	Good
Cully, Jos. E	Florist						Steam	1				Ins	H	
†Express Printing Co	Printing	7	3			53, 48							A	Good
Herald, The	Printing	2	2										A	Good
Liberty Creamery Co	Creamery						Steam	1				Ins	A, H	Good
Liberty Gas, Light & Fuel Co	Light and heat						Steam	1				Ins	H	
*Liberty Telephone Co	Telephone	3	8			60								
†McCoy Brothers	Milling	6				60	Steam	1				Ins	H	
Miller, J. J	Planing mill	1				60							A	Good
Rude Bros. Mfg. Co	Grain, etc	38	2			60	Steam		1			Ins	A, C, H	Good

LIBERTY CENTRE, WELLS COUNTY. (Population, 351.)

Garrett & Funk	Flour mill						Steam	1				S. D		

LIGONIER, NOBLE COUNTY. (Population, Census, 2,173.)

Banner Steam Laundry							Steam	1				S. D		
†Banta & Bender Co	Manufacturing refrigerators	21	1			60	Steam	1				S.D., Ins	A, B, H	Good
City of Ligonier	Water works	2				84	Steam	2				S.D., Ins	H	Good
Dewey, Jesse G							Steam	1				Ins	H	
†Goldsmith Hotel	Hotel	1	5			84								
Lake Shore Elevator	Grain elevator	4				60								Good
*Ligonier Banner	Printing	3	2			48	Elec							

†Ligonier Carriage Co	Manufacturing vehicles	28	2			59	S. & E.	2				S.D.	A, B	Good.
Ligonier Leader	News	3	3			56	Elec						B	Good.
†Ligonier Milling Co	Milling, light and power	17				60	S. & E.		2			Ins., S.D.	H, B	Good.
†Mier Carriage & Buggy Co	Manufacturing vehicles	70	5			59	Steam	2				Ins., S.D.	A, B	Good.
Sack, Wm	Bakery	4				54							D, G	Fair.
†Schloss Bros	Department store	5	6			92, 82								
†Sheets, Jacob	Mercantile	5	1			60								
South Grocery Co	Bakery	2	2			54								Good.
†Strauss Brothers Co	Real estate, etc	22	2			54								

LINCOLN, CASS COUNTY. (Population, ——.)

Watkins & Cripe	Grain elevator						Steam	1				S. D.		

LINDEN, MONTGOMERY COUNTY. (Population, 556.)

Drabbs, Reynolds & Taylor	Grain elevator						Steam	1				Ins., S.D.		

LINN GROVE, ADAMS COUNTY. (Population, 250.)

†Augsburger, Levi	Stone quarry	8				60	Steam	1						
Meshberger, H. & Co	Stone crushing	12					Steam			2		S. D.		

LINNSBURG, MONTGOMERY COUNTY. (Population, 225)

Chesterson, Wm	Saw mill						Steam	1				S. D.		

LINTON, GREENE COUNTY. (Population, Census, 5,906.)

Bradford, F. L	Coal mining						Steam	1				S. D.		
*Citizens Printing Co	Printing	3	2			48	Elec							
City of Linton	Electric light						Steam	4				S.D., Ins.	H	
†Davis, A. H	Bakery	5	1			54								
†Eagle Coal Co	Mining coal	6				48	Steam	1						
†Forschner, T. J. Coal Co	Mining coal	40				48	Steam	2		4		S. D.		

LINTON, GREENE COUNTY—Continued

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Gageby, Frank A	Contractor	10				60								
Gordon & Gordon	Mining coal						Steam	1				S. D		
Gould Coal Washing & Mining Co	Mining coal						Steam	4				S. D		
Haseman Bros. & Huber Coal Co	Mining coal						Steam			1		S. D		
†Johnson, Wm		4	4			52								
Linton Bottling Works							Steam			1		Ins		
†Linton Gas Co	Manufacturing gas	5			1	70, 51	Steam	1		1		Ins., S.D		
†Linton Hotel Co	Hotel	3	6			56								
†Linton Ice & Cold Storage Co	Manufacturing ice	7				84	Steam	2				Ins., S.D		
†Linton Mill Co	Milling	17	1			60	Steam	1				Ins., S.D		
*Linton Steam Laundry	Laundry	3	6			50	Steam			1		S. D		
Linton Water Works	Water						Steam	3				Ins	H	
‡Monon Coal Co	Coal mining						Steam	4				Ins., S.D		
†New Home Telephone Co	Telephone	12	23			54								
†New Union Lumber Co	Lumber	11	1			48, 54	Steam	1				S.D., Ins	H	
Ogle Land Co							Steam	1		1		Ins		
†Purity Bakery Co	Bakery	7	1			60								
†Robertson Bros. Coal Co	Coal mining	9	1			48	Steam	1				S. D		
†Robertson, Virgil	Coal mining	7					Steam			1		S. D		
†Scott, D. R. & Co	Dry goods	5				54								
Scott, T. J	General merchandise	6	3			60								
Summit Coal & Mining Co	Coal mining						Steam	4				S. D		
United Fourth Vein Coal Co	Coal mining						Steam	12				Ins., S.D		
‡Vandalia Coal Co	Coal mining						Steam	17				S. D		
‡Usley Bros	Coal mining						Steam			1		S. D		
†Wolford, Jos. W	Coal mining	5				40	Steam			1		S. D		
†Wolford, J. W. & Sons	General merchandise	19	9			60								

LITTLE YORK, WASHINGTON COUNTY. (Population, 195.)

Little York Canning Co	Canning	30	70			50	Steam	1				Ins	H	

LITTLES, PIKE COUNTY. (Population, 250.)

Little, S. W., Coal Co	Mining coal	401	4			48	S. & E							

LIVERPOOL, LAKE COUNTY. (Population, ——.)

National Sand Co							Steam			1		Ins	H	

LOCHIEL, BENTON COUNTY. (Population, 150.)

Lochiel Farmers Elevator Co	Grain elevator						Steam	1				Ins	H	

LOGANSPORT, CASS COUNTY. (Population, Census, 19,050.)

Alerding, Rev. H. J							Steam				1	Ins	H	
†Ark Theatre	Motion pictures	3	2			42								
*Barnes, James I	Contractor	24				54								
†Beal & Bell	Road contractors	25				60								
†Bridge City Candy Co	Confectionery	15	10		4	60	Elec							
†Broadway Theatre	Theatrical	6	2			34								
†Campbells Steam Laundry	Laundry	10	25			60	Steam	1				B.M.,S.D.		
*Cann, Geo. W. & Co	Electric wiring	19	2			54								
†Chili Parlor & Home Restaurant	Restaurant	3	6			84								
Citizens Coal & Supply Co	Coal	5				60								
City of Logansport	Electric light plant						Steam		7			Ins., S.D.	H	
City of Logansport	Pumping city water	4					Steam		2			Ins., S.D.	A	Good
City of Logansport	Schools						Steam	2				Ins	H	
†City National Bank	Banking	8				48								
†Closson, E. D	Insurance	7	1			60								
†Columbia Brewing Co	Brewery	32				48	Steam	3				Ins., S.D.		
†Columbia Cafe & Grill	Saloon and restaurant	5	2											
County of Cass	Court house						Steam	1				Ins		
†Cozy Theatre	Motion pictures	1	1			42								
†Craig, W. D	Manufacturing overalls	6	74			56, 45	Elec							

LOGANSPORT, CASS COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Drompp Grocery Co	Grocery	5	2			60, 48								
Dunn, Arthur E							Steam	1				S. D		
*Dykeman Cafe, The	Restaurant	3	4											
†Elliott Grocery Co	Wholesale grocer	19	3			48								
Enyart, W. B. & Son	Manufacturing soft drinks	5				60							B	Good
†Farmers & Merchants State Bank	Banking	6	3			48								
‡†Fernald, W. L	Saw mill	29				60	Steam	1				S. D	A, B	Fair
†Fireproof Garage	Garage	9	1			60								
†First National Bank	Banking	9												
†Flanegin Hardware Co	Hardware	9	1			60, 48								
†Foley, J. H. & Co	Grocery	6	4			63, 56								
Fort Wayne & Northern Ind. Traction Co	Shops						Steam	1				Ins	H	
†Geiger Bros	Manufacturing cigars	6	1			45								
*Grube, A. Co., The	Women's garments	2	13			57								
Henderson, J. W. & Sons	Manufacturing furniture						Steam	1				S. D		
†Heppe, Wm. & Sons Co	Manufacturing soap	18	4			60, 50	Steam	2				Ins., S.D	B, H	Fair
†Hildebrandt, John J. Co., The	Manufacturing fishing tackle	1	2	3	3	60, 52								
‡*Hillock & Pitman	Manufacturing handles	20				59	Steam	1				Ins., S.D	H	
†Home Restaurant & Chili Parlor	Restaurant	3	6			84, 50								
†Imbler, J. F		6	5											
Indiana Lighting Co							Steam			1		Ins	H	
†Journal-Tribune Co	Newspaper	15	2			48								
†Johnston & Brown	Manufacturing cigars	9	5			48								
†Kendall, Walter & Co	Livery	5												
†Klein, F. W	Grocery	5	2											
†Kraut, Wm	Barber	5				70								
†Kreuzberger, R., Estate	Wholesale liquors	10	2			60, 54	Steam			1		Ins	H	
†Logansport Artificial Ice & Fuel Co	Manufacturing ice	18	1			60	Steam	3				Ins	H	
†Logansport Basket Works	Manufacturing baskets	40	25	10	15	55	Steam	1				Ins., S. D.	H	
Logansport Brewing Co	Brewery						Steam	1				S. D		
†Logansport Furniture Co	Manufacturing furniture	23				60	S. & E	1				S. D		
†Logansport Heating Co	Heating	8	1			48	Steam		4			Ins., S.D		
†Logansport Home Telephone Co	Telephone	33	60		5	53								
†Logansport Loan & Trust Co	Banking	5				54								

†Logansport Radiator Equipment Co	Manufacturing radiators	116	1			60, 48								
†Logansport State Bank	Banking	6	1			48								
†Logansport Stone & Construction Co	Crushing stone	36				60	Steam	3				Ins		
Logansport Times	News	2	2			54	Elec						B	Good
Longcliff Asylum							Steam		2			Ins., S.D	H	
†Ludwig, E. J	Bakery	4	1			60, 40								
†Lynas, Dr. J. B. & Son	Manufacturing extracts, etc	3	9			48								
†Maiben's Laundry Co	Laundry	18	32			65, 60	Steam	1				Ins., S.D		
†Majestic Knitting Co	Manufacturing underwear	6	16			60, 54							E	Good
*McCaffrey, M. & Co	Grocery	3	2			60, 48								
McCowen, H. A. & Co							Steam			1			H	
*McHale, Martin	Contractor	15				55								
†Medland, Frank S	Contractor	15				60								
†Midway Lunch Room	Restaurant		8			56								
†Moore Oil Co., The	Oils	13	2			60, 51								
†Mulcahy, Geo	Manufacturing cigars	8	4			48								
†Murdock Hotel	Hotel	11	9			70								
†Nelson Opera House	Theatrical	13	2			42								
†New Barnett Hotel Co	Hotel	24	10			84, 70								
†New Dunn Hotel	Hotel	5	2			60								
†Obenchain, Boyer Co., The	Manufacturing chemicals	8	1			54								
†O'Donnell's Transfer & Livery	Livery	21	1											
†Otto Shoe & Clothing Co., The	Clothing	6	3			54								
†Parker & Johnston, Inc	Lumber, etc	19				54	Steam	1				Ins., S.D	H	
P. C. C. & St. L. R. R. Co	Car shops						Steam		6			S. D		
†Pharos Reporter Publishing Co	Newspaper	14	3			48								
†Porter, W. H. & Co	Druggist	5	2			72, 54								
†Ray, L. Earl	Grocery	4	1			63, 56								
†Ray & Arnold Creamery Co	Milk and butter	7	2			54, 48	Steam	1				S.D., Ins	H	
†Reed, J. A	Five and ten cent store	2	11			48							B, C	Good
†Rodgers, Jas. W	Ladies' clothing	6	5			64, 57								
†Routh, W. C. & Co	Pork packing	88	4		1	60, 50	Steam	3				Ins., S.D	B, D, H	Good
Rutenber Motor Co							Steam	2				Ins., S.D	H	
†Schilling, John	Manufacturing cigars	6	1			45								
†Schmitt, Kloepfer Co., The	Dry goods	10	32			63, 57								
†Schwartz & Olson Co	Sheet metal	8				54								
†Shearer, W. I., Ice Cream Co	Manufacturing ice cream	10	2				Steam	1				Ins., S.D	H	
†Sider & Son	Manufacturing brooms						Steam			1		S. D		
†Spencer Transfer & Storage Co	Transfer	10	1			60								
†Star Steam Laundry	Laundry	5	15			54	Steam	1				Ins., S.D	B, H	Good
†Stewart Dry Goods Co	Dry goods	4	17			60, 54								
†Strecker's Sanitary Bakery	Bakery	13	2			60, 54								
†Sturkin, Nelson Cabinet Co	Manufacturing furniture	12	1			60, 48	Steam	1				Eng.,S.D		
†Thompson Lumber Co	Lumber	8				54								
†Tucker & Bender	Tailor	5	5			60								
†Uhl, Dennis & Co	Milling	10				60								
‡Vandalia Ry. Co	Repair shop	200				50	Steam	2				B.M.,S.D.	A	Good
†Voorhees, Philip & Son	Lumber	9	1			60, 48								
†Wagner, Julius & Son	Manufacturing cigars	7	3			48								
†Wilburn, J. M	Road building	12				60								

LOGANSPORT, CASS COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
*Wiler, H. & Co	House furnishing	14	3			54								
†Wiler & Wise	Dry goods	19	41			60, 57								
†Zanger's Bakery	Bakery	8	1			80, 60							A, B	Good

LONDON, SHELBY COUNTY. (Population, 200.)

Fogarty, Wm							Steam	1				S.D.,Eng		

LOOGOOTEE, MARTIN COUNTY. (Population, Census, 2,154.)

†Carnahan Mfg. Co	Planing mill	52				60	Steam	2				Ins	H	
Dyer Packing Co							Steam	1				Eng		
Graham Glass Co							Steam	2	1			Ins		
†Larkin Bros	General merchandise	12	4			60								
†Lawhead Brick & Tile Works	Brick and tile	18				58	Steam	2				Ins	H	
†Loogootee Coal Co	Mining coal	13				48	Steam							
Loogootee Electric Light & Water Co							Steam	2				Ins., S.D		
Loogootee Milling Co	Milling						Steam	1				Eng		
†Reynolds Brooks Hardware Co	Hardware, etc	8	1			60, 40	Steam			2		Eng		
Walker, P. N. & Co							Steam	1				Ins	H	

LOSANTVILLE, RANDOLPH COUNTY. (Population, 525.)

Whipple & Tawney	Saw mill						Steam			1		S. D		

LOWELL, LAKE COUNTY. (Population, 1 235.)

Cedar Valley Creamery Co	Creamery	2				48	Steam	1				Ins	A, B, H	Good.
Heilig, G. W	Bakery	2				72							A	Fair.
†Hoevet, Geo. J	Mercantile	4	1			72, 54								
Keilman-Kimmet Co	Flour and feed	4				60	Steam	1				Ins	A	Good.
Lowell Pumping Station		2				56								Good.
Lowell Tribune	Newspaper	3				54							A	Good.
Nickols, C. E	Flour mill	2				60	Steam	1				Ins		Good.
†Schmal Hotel	Hotel		2											

LUCERNE, CASS COUNTY. (Population, Census, 250.)

Ely, Elmer	Saw mill						Steam	1				S. D		
Gandy, O. & Co	Grain elevator						Steam			1		Ins	H	

LYDICK, ST. JOSEPH COUNTY. (Population, ——.)

L. S. & M. S. R. R. Co	Pumping station						Steam			3		S. D		

LYFORD, CLARK COUNTY. (Population, 100.)

Vivian Collieries Co	Coal mining						Steam	5				Ins	H	

LYNN, RANDOLPH COUNTY. (Population, 917.)

Chenoweth, J. B	Planing mill						Steam	1				S. D		
Lynn Mill & Elevator Co	Grain elevator						Steam	1				Ins., S.D.	H	
†Lynn Tile & Brick Co	Manufacturing drain tile	8				60	Steam	1				Ins., S.D.	H	
North, Frazier Co	Saw mill						Steam	2				Ins., S.D.	H	
Surface, Amos							Steam	1				S. D	H	

LYONS, GREENE COUNTY. (Population, 993.)

†Wakefield, Kirby C	Coal mining	8				48								

MACE, MIAMI COUNTY. (Population, Census, 320.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
‡Lee, Sylvanius	Saw mill						Steam	1				S. D		
‡Mace Milling Co	Flour mill						Steam	1				S. D		

MADISON, JEFFERSON COUNTY. (Population, 6,934.)

†Adams & De Loste	Saw mill	8				54	Elec							
†Bear Bros	Fence posts	9				60	Elec						A, B, C	Good.
Bropley Belting & Supply Co	Auto belting	5	1			54							B, D	Good.
*Central Hotel	Hotel	3	2			40								
City of Madison	Schools						Steam	4				Ins	H	
†Cofield, Barber Grocery Co	Wholesale grocery	8	1			60, 48								
Columbus Handle & Tool Co							Steam	1				Ins		
†Courier Co., The	Newspaper	8	1			48	Elec							
Cox, Charles	Saw mill						Steam			1		B. M		
†Daily & Roth Co	Dry goods	7	14			56								
†De Loste, Jos. S., Mfg. Chemical Co	Manufacturing medicines	10		2		54								
†Eagle Cotton Mills Co	Manufacturing cotton sheeting	43	72			54	Steam	4				Ins	A, C, D	Good.
†Eckerts, John Sons	Stoves, etc	6	3			60, 54								
*Farmers Loose Leaf Tobacco Warehouse	Tobacco	9	1			54, 48								
*Fischer, Charles	Manufacturing vehicles	10				60								
Fulton Button Co	Manufacturing pearl buttons	7				54							A, B	Good.
†Gebest Hotel	Hotel	5	5			72								
†Glass, Frederick	Manufacturing ice cream	2	2		1	54	Elec							
†Goyert-Vogel, E. & P. Co	Eggs and poultry	6	1			60							B, D	
†Graham, Thomas & Co	Manufacturing vehicle wood stock	18				54	Steam	2				Ins		
Hentz, Charles	Bakery	2	2			72							A, B	Good.
†Herald Co., The	Newspaper	10				57	Elec						A, B	Good.
†Horuff, N. & Sons	Wholesale dry goods	6	12			54								
†Hotel Jefferson	Hotel	10	8			50								
†Hummel, Geo. J., Saddle Tree Co	Manufacturing saddle trees	14	1			59	Steam			1		B. M		
Indiana Midland Glue Co	Glue and fertilizer	15					Steam	2				Ins	H, A, D	
Johnson, B. & Son	Saw mill						Steam	1				Ins		

Johnson Contract Co., The	Contracting						Steam.		1			Ins	H	
†Johnson Foundry & Machine Shops	Foundry and machine	9	1			60	Elec						A, B	
†Johnson, R., Yarn & Cordage Mills	Cotton twine	24	40			49	Steam.	2				Ins		
†Madison Automobile Co	Auto repairs	4	1			60	Gas						A, B	
†Madison Brewing Co	Brewing	22	1			54	Steam.	3				Ins	H	
†Madison Brick Co	Manufacturing brick	10				48	Steam.	1				S. D		
†Madison Coal Co	Selling coal	9				60								
Madison Courier	Newspaper	8	1			54							B, C	
†Madison Light & Fuel Co	Gas lights	8				60	Steam.			1		Ins	B, H	
†Madison Light & Railway Co	Manufacturing and sale of elec. power	15	2			54	Steam.		3	1		Ins	H	
†Madison Machine Co	Foundry and machine	9	1			54	Steam.	1				Eng		
Madison Marine Ry. & Ship Yard	Steam boat repairing	50				54	Steam.	3				Eng	A, B	
Madison Packing Co	Abattoir						Steam.	3				Ins		
Madison Pearl Button Co	Manufacturing pearl buttons	34				54	Elec						A, B, C	
Madison Saddle Tree Co	Manufacturing saddle trees						Steam.	1					B, M	
†Madison Safe Deposit & Trust Co	Trust company	5				48								
†Madison Telephone Co	Telephone	12	10			54								
Madison Tobacco Co	Tobacco						Steam.			1			B, M	
Madison Wagon & Carriage Co	Carriage repairs	4				60	Gas						A	
†Marks, A. & Son Co	Dry goods	6	7	1		63								
†Marks & Benson Co	Clothing, hats, etc	5	1			68								
†McKim & Cochran Furn. Co	Manufacturing bedroom furniture	39	1	8		59	Steam.	1				Ins	A, D, H	
†McKim, R. & Co	Coal dealers	20				60								
†Melish, Chas. B., Pearl Button Co	Manufacturing pearl buttons	38	20		4	60	S. & E	1					A, B	
†Middleton & Wymond Co	Coal, coke and kindling	25				54	Steam.	1				Eng	A	
†Millar, W. W. Saddle Tree Co	Manufacturing saddle trees	11	1			60	Steam.	1				Ins	A, D	
†Miller, W. H. & Sons	Lumber and building material	9	1			60								
†Mundt, Edw	Candy manufacturing	5	5			48							B, D	
†National Branch Bank of Madison	Banking	7				50								
National Pin & Bracket Co	Pin manufacturers						Steam.	1				Ins		
†Oliver, O. & Son	Wholesale produce	9				60							B, D	
†Pearl Packing House	Beef and pork packers	20	2			54	Steam.	3				Ins	A, B, D, H	
Peck, Frank L	Laundry						Steam.	1				Ins	H	
Planters Tobacco Warehouse Co	Commission house	5				60							B	
†Reed Bros	Laundry	5	25			54	Steam.	1				Ins		
Richert, L. J	Buggy repairs	2				54							B, D	
Roberts, W. B	Candies	2	1			54							B, D	
*Rogers, W. H	Drugs	5		2		60								
†Schad, Albert, Saddle Tree Co	Saddle trees	7	1			55	Steam.	1					A, D	
Schneider, H	Slaughter house	3					Steam.			1		Eng	B	
†Schofield, J. & Son	Blankets	12	15	3	4	60	Steam.	1				Ins	A, D	
*Schroder, Ben, Saddle Tree Co	Saddle trees	5	1			54	Steam.	1					A, B, D	
†Scott, Elmer, E. Co	Wholesale grocers	12				60								
Shockley & Son	Feed mill	2				54	Steam.	1				Eng	A, B, D	
†Smith Canning Factory	Canning	2	4			50								
Snider, T. A., Preserve Co	Canning						Steam.	3	1			Ins		
Southeastern Hospital	Pumping water	2					Steam.	2				S. D	B	
†Sprong, C. D	Saw mill	5				50								
†Taylor-Hitz Co	Milling and baking	10				60	Steam.	1				Ins	A, D, H	
†Tower Mfg. Co	Manufacturing nails, rivets, etc	34	27	2	9	50	Steam.	2				Ins	H	

MADISON, JEFFERSON COUNTY—Continued

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Trow, W. Co	Flour mill	32				60	Steam	1	3			Ins	H, A, B	
†Valley City Laundry	Laundry	2	10		3	50	Steam	1				Ins	A, B, F	
†White, James	Carpenter	10				54								

MAHALASVILLE, MORGAN COUNTY. (Population, 200.)

Morgantown Milling Co	Flour mill						Steam	1				Eng		

MARENGO, CRAWFORD COUNTY. (Population, 686.)

*Marengo Canning Co	Canning vegetables	8	14			48	Steam	1						
†Poe, E	Saw mill	6				60								
†Rice-Fenn Hub Co	Manufacturing wagon hubs	10				60	Steam							

MARION, GRANT COUNTY. (Population, 19,359.)

American Gas & Electric Co	Light and heat						Steam		8			Ins., S.D.	H	
Armour & Co	Packers						Steam				2	Ins	H	
†Atlas Foundry Co	Manufacturing iron castings	64	1			60, 45	Elec							
†Ballard Packing Co	Meat packing	42	3			60	S. & E	2				S.D., Ins.	H	
†Barney, E. V	Grocery, etc	5	1			65								
‡†Barley & Spencer Lumber Co	Planing mill	20				59	Steam	1				S. D		
‡†Bedell Mfg. Co	Manufacturing furniture	48	2			60	Steam	1				S. D		
†Blumenthal & Co	Department store	25	23			58							E	Good
†Boston & Big Store Co	Department store	20	45			63, 56								
†Bradford, O. C. & Co	Hardware, etc	5				50								

†Brunka Bros	Plumbing	4	1			54								
†Brunka, W. A. Co	Millinery, etc	3	6			60								
†Burge, Thomas, Milling Co	Flour milling	11				60								
*Burk-Williams Co., The	Hardware, etc	7	1			63, 48								
*Butler Music Co	Pianos, etc	8	2			60, 54								
Butler Stool & Bench Co							Steam	1				S. D		
†Byrd Lumber Co	Lumber, etc	8				58								
†C. & H. Shoe Co., The	Shoes	5	1			60, 54								
†Canton Glass Co	Manufacturing glass	75	25			54	S. & E	2				Ins., S.D.	H	
Central Indiana Gas Co							Steam	2				Ins., S.D.	H	
‡†Central Machine & Foundry Co	Foundry	30				59	Steam	2				S. D		
*Chicago Glass Novelty Co	Glass novelties	10	12		3	59, 54								
*Chochos & Carelas	Confectionery	6	2			60	Elec							
†Chronicle Publishing Co	Newspaper	21	2			48	Elec							
City of Marion	Schools						Steam				3	Ins	H	
City of Marion	Water works						Steam		2			Ins., S.D.	H	
Cloverleaf Creamery Co	Creamery						Steam	1				S.D.,B.M.	H	
†Commercial Printing Co	Printing	12	4			48	Elec							
†Crystal Ice & Cold Storage Co	Manufacturing ice	5				60	Steam	2				Ins., S.D.	H	
‡†Dearborn Desk Mfg. Co	Manufacturing office desks	20				60	Steam			1		S. D		
*Dicks Cafe	Restaurant	6	3			70, 45								
†Fahnstock, James W	Millinery		5			54								
†Farmers Trust & Savings Co	Banking	6	3			54, 48								
Faulkner Packing Co							Steam	1				S. D		
†Feist Bakery	Bakery	12		1	2	54, 60								
†First National Bank, The	Banking	7	1			48								
†Goldreich Bros	Junk	6				60								
†Goldthait & Sons Co	Mercantile	10	20			66, 60								
†Grand Hotel	Hotel													
†Grant Bros. Co	Wholesale produce	20	10			60, 54								
‡Grant County Orphans' Home							Steam				2	S. D		
†Grant Trust & Savings Co	Banking	5	1			60								
†Harwood-Barley Mfg. Co	Motor trucks	183	7			60, 54	Steam	2				S. D.		
†Hogin, McKinney & Co	Hardware	7	1			63, 54								
†Hoosier Stove Co	Manufacturing stoves, etc	188	12			60	S. & E	1				Ins., S.D.	H	
†Marion Hotel	Hotel	4	8											
†Hulley Foundry & Machine Works	Foundry	6				54	Elec							
Indiana Brewing Association	Brewery						Steam	1	2			S.D., Ins		
†Johnston Furniture Co	Furniture	6	1			60								
†Keller, O. H., Chair Co	Manufacturing chairs	44	3			58	Steam	2				S.D., Ins		
†Kelley, John Co., The	House furnishings	10	3			54								
‡†Koeppen Mould Works	Bottle moulds	17	3			54	Steam	1				S. D		
†Landess, W. W	Road construction	10												
†Lemon, G. A. & Son	Moving and storage	8				60								
*Longs Cleaning & Dyeing Works	Cleaning and dyeing	4	5			60, 54	Elec							
†Macbeth-Evans Glass Co	Manufacturing glassware	455	49	49	96	55, 58	S. & E	3				S.D., Ins	H	
*Marion Cab & Transfer Co	Transfer	10												
†Marion Conservatory of Music	Music instruction		9											
†Marion Cooperage Co	Manufacturing hoops	40				58	Steam	1				Ins		
†Marion Flint Glass Co	Manufacturing fruit jars, etc	280	12	15	8	59	S. & E	3				Ins., S.D.	H	

MARION, GRANT COUNTY—Continued

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Marion Floral Co.							Steam	1				Ins.		
*Marion Freight & Transfer Co.	Transfer	8				54								
†Marion Gray Iron Foundry Co.	Foundry	88		3	3	60								
†Marion Handle & Mfg. Co.	Manufacturing handles	45				60	Steam	2				Ins. S.D.		
†Marion Hardware Co.	Hardware	8	1			64, 57								
†Marion Ice & Cold Storage Co.	Manufacturing ice	25				70	Steam	2				Ins., S.D.	H.	
Marion Iron & Brass Bed Co.							Steam	2				Ins.	H.	
†Marion Insulated Wire & Rubber Co.	Insulated wire	28	27			54	S. & E.		3			S.D., Eng.		
†Marion Leader Co.	Newspaper	37	5			48								
†Marion Light & Heating Co.	Light and power	55	5			70, 50	Steam		8					
†Marion Lumber Co.	Lumber	7	1			59								
†Marion Machine Foundry & Supply Co.	Foundry	45	3			60, 55	Steam	1				S. D.	J.	
†Marion Malleable Iron Works	Iron castings	420	35	6	4	60, 50	Steam	1				Ins., S.D.		
†Marion Mattress Works	Manufacturing mattresses	3	7			55, 48								
†Marion National Bank, The	Banking	9	1			60								
†Marion Paper Box Co.	Manufacturing boxes	10	20			55, 50								
†Marion Paper Co.	Manufacturing paper boards	70	1			60, 48	Steam		4			Ins., S.D.	H.	
‡†Marion Shoe Co.	Manufacturing shoes	90	60			54	Steam			1		S. D.		
†Marion State Bank	Banking	7				54								
†Marion Steam Laundry	Laundry	7	18		4	54	Steam	1				Ins., S.D.	H.	
†Marion Stove Co.	Manufacturing stoves	40	2			50, 60	S. & E.	1				S. D.	A, F.	Fair.
*McClains Dray Line	Drays	9	1			54								
†McClure Mfg. Co.	Manufacturing furniture	13				59								
†Mecca Theatre	Motion pictures													
*Middleton's Bakery	Bakery	15	1			60, 48								
*Mutual Theatre Co.	Motion pictures	4	3	3	2									
†National Sweeper Co.	Carpet sweepers	31	4	1		60	Steam	2				Ins., S.D.	H.	
Ober & Mann	Saw mill						Steam	1				S. D.		
†Osborn Paper Co.	Manufacturing tablets	50	32			59	Elec.							
†Paris Cloak & Suit Co.	Coats and suits		8			54								
†Plost Post Co.	Fence posts	4	1			60, 48								
†Price Clothing Co.	Clothing	6	1			65, 58								
†Roberts Mfg. Co., The	Manufacturing wall boards	7	1			60, 48								
†Rutenber Motor Co.	Manufacturing motors	444	8	4		55	Steam	1				Ins., S.D.	H.	

†Savesky, J. Sons Co	Oil well supplies	10				60								
†Sheron Bros. Drain Tile Co	Manufacturing drain tile	16				60	Steam	2				S. D		
‡Sloderbeek, John & Son	Saw mill						Steam	1				S. D		
†Smith, W. C. Shoe Co	Shoes	6	1			60								
Snider, T. A. Preserve Co	Canning						Steam	3	1			Ins., S.D.	H	
†Sohns Products Co		7					S. & E							
†Spencer, Hogin Grocery & Fruit Co	Fruits, etc	26	4			60, 54								
‡†Spencer House	Hotel	20	20				Steam				3	S. D		
†Spencer House Barber Shop	Barber	5												
Spencer, Robt. J	Manufacturing chairs						Steam		2			Ins	H	
†Spencer Table Co., The	Manufacturing tables	57	1			58, 44	Steam	3				Ins., S.D.		
†Standard Chain Co	Manufacturing chains	212		13		60								
†Standard Glass Co	Manufacturing glass bottles	74	3			54	S. & E	2				Ins., S.D.	H	
Standard Oil Co							Steam			1		Ins		
†Style Store, The	Women's wearing apparel	1	4			54								
†Superior Boiler Works	Boilers	9	1			60, 54								
†Swanger & McClain	Plumbing	7	1			53, 60								
†Troy Laundry	Laundry	1	5			60	Steam	1				S.D., Ins		
United States Chain Co	Manufacturing chains	350					Steam	1				S. D		
†United States Glove Co	Canvas gloves	14	186		40	55	Elec							
†Welsh Bros	Vehicle repair	6				54								
†Western Drop Forge Co		118	2			59	S. & E	1	2			Ins., S.D	H	
Western Motor Co	Gasoline motors	260	4			59							A	Good.
†Wigger Buggy Harness Co	Buggies, etc	12	1			60, 54	Elec							
‡*Wolf, J. G. & Sons	Laundry	14	25			60, 50	Steam	1				S. D		
Woolworth, F. W. Co	Five and ten cent store	4	19			57							C	Good.
†Young Men's Christian Association		4	1			48								

MARKLE, HUNTINGTON COUNTY. (Population, 820.)

‡Cloverleaf Creamery	Creamery						Steam	1				S. D		
†Hutsell, L. A. & Co	Road contractor	50												
‡Markle School	School						Steam	2				S. D		
‡Markle Stone & Lime Co	Crushing stone	20				60	Steam	1				S. D		
‡†May & Youse Lumber Co	Saw mill	10				54	Steam	1				S. D		
Plice, J. F	Grain elevator						Steam			1		S. D		
‡Thomas, A. R. & Son	Flour mill						Steam	1				S. D		
Walker, Richard C							Steam	1				S. D		

MARKLEVILLE, MADISON COUNTY. (Population, 225.)

Markle Bros	Saw mill						Steam	1				S. D	H	

MARSHFIELD, WARREN COUNTY. (Population, 256.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Graff, Charles							Steam.	1				Ins	H	
Wofram Grain Co	Grain elevator						Steam.	1				Ins	H	

MARTINSVILLE, MORGAN COUNTY. (Population, Census, 4,529.)

Adams Brick Co	Manufacturing brick						Steam	2				Ins		
*Artesian Laundry	Laundry	3	11			54	Steam	1					A	
†Barnard Sanitarium	Sanitarium	6	2			70, 56	Steam	2				Ins		
City of Martinsville	Water works						Steam	1	1			Ins	H	
†Colonial Mineral Springs Co	Sanatarium	10	8			60	S. & E							
†Davis Cooperage Co	Cooperage	107	1			60	Steam	3				Ins	H	
Deming Lumber Co	Lumber						Steam	1				Ins	H	
*First National Bank	Banking	5	1			42								
†Highland Mineral Springs Hotel	Hotel	6	10			60								
†Highland Sanitarium	Hotel	5	3			50	Steam	2				Ins		
†Hill House Sanitarium	Sanitarium	6	7			48	Steam	2						
†Hill & Sadler	Grocery, etc	5	2			71								
*Home Lawn Mineral Springs Co	Hotel	10	6			60	Steam	2						
Hubbard Lumber Co	Saw mill						Steam	1				Ins	H	
†Huff, Chas. S	Dry goods	3	5			57								
Mannon, Geo. M	Laundry						Steam	1				Ins		
†Martinsville Brick Co	Manufacturing brick	45				60	Steam	2				Ins	H, A	
†Martinsville Buggy Co	Manufacturing buggies	12				70	Elec							
†Martinsville Gas & Electric Co	Gas and electricity	9	1			60	Steam		2					
†Martinsville Ice & Creamery Co	Manufacturing ice	5	1			84	Steam	2				Ins		
†Martinsville Milling Co	Milling	5				60	Steam	1				Ins		
†Martinsville Sanitarium Co	Sanitarium	18	33			77	S. & E	2				Ins		
†Martinsville Telephone Co	Telephone	5	8			54, 48	Elec							
†Old Hickory Chair Co	Manufacturing rustic furniture	90	10			60	Steam	2				Ins	A, H	
†Shireman, A. R. & Son	Coal, etc	12	1			60								
†Simms Co., The	General merchandise	13	7			62								

†Steele & Sartor	Saw mill	7				58	Steam	1				Ins	H	
†Thornburg Milling Co	Flour and feed	5				60	S. & E	1				Ins	H	
Van Camp Packing Co	Canning						Steam	4				Ins		

MASSEY, PIKE COUNTY. (Population, ——.)

Peacock Coal & Mining Co	Coal mining						Steam	2				Ins	H	

MAYNARD, LAKE COUNTY. (Population, ——.)

National Brick Co	Manufacturing brick						Steam	5		1		Ins	H	

McCORDSVILLE, HANCOCK COUNTY. (Population, 250.)

Cohee, A. B. & Co	Grain elevator						Steam	1				Ins		

MECCA, PARKE COUNTY. (Population, 1 350

†Dee, Wm. E., Clay Mfg. Co	Pipe and clay	170				60	Steam	10				Ins	H	
†Indiana Sewer Pipe Co	Sewer pipe	98		2		60	Steam	3				Ins	H	
Raccoon Valley Lumber Co	Lumber	6				60	Steam	1				S. D		
Rohn Bros							Steam	1				Ins	H	

MEDARYVILLE, PULASKI COUNTY. (Population, Census, 710.)

Crabbs, Reynolds, Taylor Co	Grain elevator						Steam	1				Ins	H	
Howe, G. R	Grain elevator						Steam	1				Ins		
Medaryville Milling Co	Flour mill						Steam	1				S. D		

MEDORA, JACKSON COUNTY. (Population, 675.)

Medora Milling Co	Flour mill						Steam	1				Ins	H	
†Medora Shale Brick Co	Manufacturing brick	40				60	Steam	1				Ins		

MELLOTT, FOUNTAIN COUNTY. (Population, 372.)

Name of Firm or Establishment.	Goods Manuactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
‡Fretz, Henry	Saw mill						Steam	1				S. D.		
McCardle, J. W., et. al	Grain elevator						Steam	1				S.D., Ins.	H	

MEXICO, MIAMI COUNTY. (Population, 521.)

Old Folks & Orphan Children's Home							Steam				1	Ins	H	

MIAMI, MIAMI COUNTY. (Population, 300.)

Coucher, J. M. & Co	Grain elevator						Steam	1				S.D., Ins.	H	
Needham Bros	Grain elevator						Steam	1				S. D		

MICHIGAN CITY, LAPORTE COUNTY. (Population, 19,027.)

Alexander, Judson	Ice cream						Steam	1		1		S. D		
†B. K. Mfg. Co	Manufacturing ladies' dresses	5	65			55	Elec							
†Bartholomew & Co	Hardware	11	1			54								
Burkhart, S. G	Manufacturing cigars	4				48							B	Good.
†Carstens Bros	Dry goods	5	11			40								Good.
†Chicago, Lake Shore & South Bend Ry. Co.	Electric railway	308	12			72, 60	S. & E.		8			S.D., Ins.	H	
†Citizens Bank, The	Banking	5				40								
Clark, Thomas E	Printing	2	2			55							B	Good.
†Colburn, A. R. Co	Planing mill	25				45	Steam	1				S.D., Ins.	A, B	Fair.
†Consumers Cooler Co	Manufacturing water coolers	45				60	Elec							
County Commissioners of Laporte County	Court house						Steam			2		Ins		
Crescent Laundry	Laundry						Steam			1		S. D		

†Dispatch, The	Newspaper	4		1		54								
†Dreamland Theatre	Motion pictures	3	1			21								
†Eagle Bakery	Bakery	5				60								
†Earl, A. F	Undertaking	9				60								
†Elston Hotel	Hotel	2	1			70								
†Eureka Laundry	Laundry	4	14			55	Steam			1		S. D	A, B	Good.
†Evening News, The	Printing	9	3			59, 54								
†Fethke, Herman W	Cigars	9				48								
Fethke, Mrs. E	Manufacturing cigars		3			48							B	Fair.
Ford & Johnson Co	Manufacturing chairs						Steam	7				S. D		
†Glidden & Heise	Bakery and lunch	7	3			48, 60								Good.
Granite Brick Co	Bricks						Steam	2	1			Ins		
†Haskell & Barker Car Co	Building cars	3,400				60	S. & E	2	8	6		Ins., S.D.	H	
†Heitschmidt, A. C	Flour and feed	8	1			60, 54	Elec							
†Henry Lumber Co	Planing mill	20				60	Steam	1				Ins., S.D.	B, H	Good.
†Hoosier Slide Sand Co	Shipping sand	25				48								
†Hotel Fairview	Hotel	5	2			48								
*Hotel Vreeland	Hotel	28	12			56								
†Hutchinson, W. B	Contractor	25				60								
†Idle Hour Theatre	Picture show	1	2			42								
Independent 5 & 10 Cent store	Five and ten cent store	1	7			57							B	
Indiana State Prison							Steam	7	2			S. D		
Jahn, Frank J	Manufacturing cigars	2				48							B	Good.
‡†Koelln, Henry	Contractor	15				54	Steam			3		S. D		
Kresge, S. S. Co	Five and ten cent store	2	14	1		40							B, K	Good.
†Kronthal, B. & Co	Manufacturing shirts	5	75			60	S. & E	1					B, J	Good.
Kunkle, H. C	Bottling works						Steam			1		S. D		
Lake Michigan Water Co							Steam	3				Ins	H	
†Lake View Hotel	Hotel		3			39								
†Lyric Theatre	Motion pictures	3	2			25								
Marion Leather Goods Co	Manufacturing purses	100				48							B, K	Good.
Maxwell & Dunn Co	Lumber and coal	4				59							A, B	Good.
†Merchants Mutual Telephone Co	Telephone	8	19			54								
†Michigan Central R. R. Co	Transportation	1,010	4			60	Steam			4		S. D	B	Good.
†Michigan City Ice & Cold Storage Co	Manufacturing ice, etc	13	1				Steam	3				Ins	H	
*Michigan City Paper Box Co	Manufacturing boxes	6	25	1	12	59	Elec							
†Michigan City Tanning Co	Tanning	12				59	Steam	1				Ins., S.D.	A, B, H	Fair.
Midland Chair & Seating Co	Manufacturing car seats	509	13	12		60	Steam	10				Ins	A, B, H	Good.
†Milcarek, Vincent	Cement blocks	20				60							A	Good.
Miller, C. J	Bakery	3				60							B	Good.
†Miller, Wm	Meats	7	1			60								
Mount Airy Stone Co	Manufacturing monuments	110				48	Steam	2				S.D., Ins.	A, B, K	Good.
†North Indiana Brick Co	Manufacturing brick	19	1			60, 48	Steam	1	1			Ins	H	
†Northern Indiana Gas & Electric Co	Manufacturing gas, etc	465	14			54, 48	Steam	2	4			S.D., Ins.	H	Good.
Northern Indiana Ry. Co	Repair shops	36				84	Elec						A, B	Good.
†Ohlemacher Brick Co	Manufacturing brick	24		1			Steam	2				S.D., Ins.		
‡*Pere Marquette Railroad Co	Railroad	84	2			60, 54	Steam			1		S. D		
†Reliable, The	Department store	5	9			60							B	Good.
†Reliance Mfg. Co	Manufacturing shirts	47	630	1	69	60, 54	S. & E	2				Ins., S.D.	A, B, C	Good.
†Roeske Bros	Manufacturing brick	30		3			Steam	1						

MICHIGAN CITY, LAPORTE COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Root Manufacturing Co	Interior finish	38		2		54	Steam	1				S.D., Ins		
St. Anthony Hospital	Hospital						Steam			1		S. D		
†Shon, Harry	Clothing and shoes	4	1											
*Schultz Hotel	Hotel	2	9			50								
South Shore Ry. Co	Repair shop and power plant	60	2			60							A, B, J	Good
†Staiger Hardware Co	Hardware	9	1			54								
*Star Laundry & Dry Cleaning Co	Laundry	5	12			60	Steam	1				S.D., Ins	H	
Switzer, Geo							Steam	1				Eng		
†Tecumseh Facing Mills	Manufacturing gloves	29	82		4	60	Steam	1				Ins., S.D		
*Tyrell Hotel	Hotel	3	3			70								
†Wellnitz, O. A	Grocery	4	1			60, 48								
Woolworth, F. W. Co	Five and ten cent store	2	25	1		57							B	Good
†Wrights Laundry	Laundry	2	6			50	S. & E			1		S. D		
†Zeese & Donnelly	Dry goods	1	7			60								
†Zorn, Philip, Brewing Co	Brewing	20				54	S. & E	2				Ins., S.D		Good

MICHIGANTOWN, CLINTON COUNTY. (Population, 395.)

Baker, E. M	Drain tile						Steam	1				Ins., S.D	H	
Davis, N. O. Co	Grain elevator						Steam			1		S. D	H	
†Mikesell, Bert	Saw mill	5				60	Steam	1				Ins., S.D	H	

MIDDLETOWN, HENRY COUNTY. (Population, Census, 1,174.)

†Daniels & Pickering Co	Flour mill	9				60	Steam	1				Ins	D	Good
Kloplenstein, Charles	Machine shop	2				55							A	Good
Leibhardt, W. L. & Co	Woolen mill specialties	2				66	Steam	1				Eng	B, D	Good
†Middletown Furniture Co	Washing machines	18	1			60	Steam	1				Ins	A	Good

Middletown Water Works							Steam	2				Ins	H	
Sheriff, Harry	Bakery	1	1			60	Elec						B	Good
Van Tuyl, W. S	Saw mill	4					Steam	1				Eng	B, A	Good
Zirkle, Geo. D							Steam	1				Eng		

MIDLAND, GREENE COUNTY. (Population, 175.)

†McVicker Bros. & Co	Coal mining	5				48	S. & E	2				Eng		

MILAN, RIPLEY COUNTY. (Population, 557.)

*Abbott, E. G	Lumber	7				60	Steam	1						
†Thompson, T. H	Manufacturing veneer	21	4			60	S. & E	1				Ins		

MILDRED, SULLIVAN COUNTY. (Population, 50.)

Deering Coal Co	Coal mine						Steam	4				Ins		

MILFORD, KOSCIUSKO COUNTY. (Population, 814.)

Beer, J. & Co	Circus supplies						Steam	1				S. D		
†Lents & Son	Saw mill	7				60	Steam							
†Maple City Mfg. Co	Porch furniture	5				60	S. & E	2					B	Good
Milford Grain & Milling Co	Grain, etc						Steam	1				S. D		
†Milford Lumber Co	Lumber	9					Steam	1				B.M.,S.D.		
Milford Mail, The	Newspaper	2	2			54							A, B	Good
Milford Robe & Tanning Co	Tanning						Steam			1		S. D		
Ogden, Geo. R	Flour and feed						Steam	1				Eng.,S.D.		

MILLER, LAKE COUNTY. (Population, 638.)

American Sand & Gravel Co	Sand and gravel						Steam			5		Ins	H	

MILLERSBURG, ELKHART COUNTY. (Population, 428.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Cherry, J. M. & Co	Manufacturing handles	10					Steam	1				Ins., S.D.	H	

MILLTOWN, CRAWFORD COUNTY. (Population, 589.)

Eichel Lime & Stone Co							Steam			2		Ins	H	

MILROY, RUSH COUNTY. (Population, 770.)

†Milroy Drain Tile Co	Drain tile	12				60	Steam	2						

MISHAWAKA ST. JOSEPH COUNTY. (Population, 11,886)

†Amplex Motor Car Co	Motor cars	21	2			50	Steam	2				Ins		
†Beatty Felting Co., The	Manufacturing felt shoes	50	19			55	S. & E	1				S.D., Ins.	H	
†Bloch, August	Bakery	5	1			60								
Byrkitt, E. B							Steam	1				Ins		
Childrens Aid Society of Indiana	Asylum						Steam	2		1		S.D., Ins.	H	
City of Mishawaka	Schools						Steam	2		5		Ins	H	
City of Mishawaka	Water and light plant						Steam		3			S.D., Ins.	H	
†Clark, Geo. C., Metal Last Co	Shoe lasts	20				60								
*Clark's Steam Laundry	Laundry	6	12			60, 50	S. & E			1		Ins., S.D.		
†Colbert, Joseph	Plumbing	7				60								
†Dodge Manufacturing Co	Foundry	988	58	2		55	S. & E	5	6			S.D., Ins.		
†First National Bank	Banking	8				52	Steam				1	Ins		
†Kamm & Schellinger Brewing Co	Brewing	45	2			48	S. & E	3				S.D., Ins.		
†Lang, O. E. & Co	Hardware	6				54								

†Lowe Bros. Lumber Co	Lumber, etc	8	1			58								
†Major Bros. Packing Co	Meat packing	47				60	Steam	2				S.D., Ins.	H	
†M shawaka Hotel	Hotel	15	9											
†Mishawaka Light Mfg. Co	Gas mantles	4	2			55								
Mishawaka Public Improvement Co							Steam			3		Ins		
Mishawaka Steam Laundry	Laundry	4	6			50	Steam			1		S. D	C	Good.
†Mishawaka Trust & Savings Co	Banking	4	1				Steam	1				Ins		
†Mishawaka Woolen Mfg. Co	Woolen foot wear	1,549	552	2	100	59	S. & E		4			Ins., S.D.	A, D	Good.
National Veneer Products Co	Veneer products						Steam	3				Ins., S.D.		
†Perkins Wind Mill Co	Wind mills	73	2		1	55, 44	Steam	2				Ins., S.D.	H	
†Premier Bed Co	Metal beds	25	10			60	S. & E	1				Ins., S.D.	H	
Rubber Regenerating Co							Steam		6			S. D		
‡*Sanitary Laundry	Laundry	2	4			55	Steam	1				S. D		
Sisters of the Poor Hand Maids	Hospital						Steam				2	Ins	H	
†Swanger, J. O. Jr	Hardware	7	1			54								
Woodward Bros	Mint distillery						Steam	2				Ins	H	

MITCHELL, LAWRENCE COUNTY. (Population, 3,438.)

†Braman, F. R. & Son	Department store	4	4			60, 66								
†Lehigh Portland Cement Co	Manufacturing of cement	815	2			56, 84	Steam	4	17	16		Ins	H	
Mitchell Electric Light Plant	Electric light						Steam	2				Ins		
†Mitchell Hardwood Lumber Co	Hardwood flooring	45				58	Steam	1				Ins		
†Mitchell-Hostetler Lumber Co	Saw mill	7				60	Steam	1				Ins		
†Mitchell Lime Co	Lime	133	1			48, 72	Steam	4		1		Ins	H	
Sellers, Wm	Saw mill						Steam	1				S. D		

MODOC, RANDOLPH COUNTY. (Population, 261.)

Stock, W. F	Grain elevator						Steam	1				S. D		

MOHAWK, HANCOCK COUNTY. (Population, 200.)

†Mohawk Lumber Co	Saw mill	10				60	Steam	1				Ins	H	

MONON, WHITE COUNTY. (Population, 1,184.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
C. I. & L. Ry	Pump station						Steam			1		B. M		
†Lyric Theatre	Motion pictures	2	2			18								
Mack & Co	Creamery	2	1			72							A	
Monon Cement Co	Cement tile	7	1			60							A	
†Monon Crushed Stone Co	Crushed stone	39				60	Steam	1				B. M		
†Monon Hotel	Hotel	2	3											

MONROE, ADAMS COUNTY. (Population, 334.)

Burk Elevator Co	Grain elevator						Steam	1				S. D		
Monroe Milling Co	Flour mill						Steam	1				S. D		
†Monroe Tile Co	Drain tile	8				60	Steam	1				S. D		

MONROEVILLE, ALLEN COUNTY. (Population, 910.)

Monroeville Water & Light	Water and light						Steam	1				S. D		
Neizer & Co	Grain elevator						Steam	1				S. D		
Purman, David C		8				60	Steam	1				S. D		
Shafer, Clem							Steam	1				S. D		
Sperry & Hathway	Saw mill	5					Steam	1				S. D		

MONTEREY, PULASKI COUNTY. (Population, 260.)

Engle, Jacob	Grain elevator						Steam	1				B.M.,S.D.	H	
Zehner, S. V	Saw mill						Steam	1				B.M.,S.D.	H	

MONTEZUMA, PARKE COUNTY. (Population, 1,535.)

Burns & Hancock	Fire brick and clay						Steam	2				S.D., Ins		
†Marion Brick Co	Paving brick	125				54	Steam	5		1		Ins	H	
*Montezuma Sand, Gravel & Timber Co	Sand, gravel and timber	5				60	Steam	1				Ins	H	
*Wilhite Lumber Co	Saw mill	9				60	Steam	1				Eng		

MONTICELLO, WHITE COUNTY. (Population, 2,168.)

†Anhier Bros	Cigars and tobacco	8	2			42								
†Arc Theatre	Motion pictures	1	3			25								
†Goodman Co	Department store	6	6			57, 63								Good
†Loughry Bros. Milling & Grain Co	Grain elevator	29	1			60	Steam	3				S.D., Ins	A, B	
‡Monticello Ice Cream Co	Manufacturing ice cream	2				60	Steam			1		S. D	B	Good
†Monticello Produce Co	Butter and eggs	4	1			60, 48								
*Monticello Telephone Co	Telephone	3	6			60, 54								
Monticello Water Works	Water plant						Steam	2				S.D., Ins		
Northern Indiana Utilities Co							Steam	2				Ins		
†Thread Mills Co., The	Cotton thread	20	55		30	55	Steam	2				S.D., Ins	A, B, H	Good

MONTMORENCI, TIPPECANOE COUNTY. (Population, 400.)

Taylor, Edward	Grain elevator						Steam	1				Ins		

MONTPELIER, BLACKFORD COUNTY. (Population, Census, 2,788.)

Arnold & Nelson	Grain elevator	3				60	Steam	1				S. D	B	Good
Baltes Stone Co							Steam	2				Ins., S.D	H	
*Bryson, D. A	Saw mill	9				60	Steam	1				S. D		
†Columbia Hotel	Hotel	4	4			56								
‡Jackson Shovel & Tool Co	Manufacturing shovels	47	1			48	Steam	2				S. D		
*Mammoth Racket Store	General merchandise	5				48								
Martin, J. E	Tile manufacturing						Steam			1		S. D		
†Montpelier Cup Metal Works	Manufacturing	14	1			60								
†Montpelier Herald	Printing	3	2			54								
*Montpelier Light & Water Co	Light and water	7	1			84, 48	Steam	2				B.M.,S.D.	B	Good
Montpelier Manufacturing Co	Flour mill supplies, etc	16	2			60	Steam						A, B	Good
†National Steel Casting Co	Manufacturing steel castings	174	1			54, 45	S. & E	2	2			Ins., S.D	H	
†Purman, Johnston & Co	Dry goods	8	5			68, 54								
Sinclair & Morrison Co	Repair works	1											B	Good

MOORESVILLE, MORGAN COUNTY. (Population 1,608.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Bradley Brick Co	Manufacturing brick	7				60	Steam	1				Eng		
Fall Creek Mfg. Co	Porch furniture	33	3	5	5	54, 60	Steam	2				Eng		
Harper, Geo. W	Saw mill						Steam	1				Ins	H	
†Indiana Brass & Iron Bed Co	Iron beds	65	1			55	Steam	2				Ins	A, H	Good
†Mooresville Telephone Co	Telephone	2	6			60								
Mooresville Utilities Co	Heat, light, water	5	1			65	Steam	2				Ins	H	

MORGANTOWN, MORGAN COUNTY. (Population, Census, 667.)

†Fulsmore Mfg. Co	Furniture	23	22			60, 45	Steam	2				Ins		
Knight & Stockton							Steam	1				Ins		
Morgantown Milling Co	Flour and feed						Steam	1				Eng		
†Morgantown Packing Co	Canning	35	10			58	Steam	2				Ins		
†Morgantown Telephone Co	Telephone	4	5			60								

MOROCCO, NEWTON COUNTY. (Population, 927.)

†Beaver Valley Canning Co	Canning	10	16			54	Steam	1						
Farmers Elevator Co	Grain elevator						Steam	1				Ins		
Northern Indiana Utilities Co	Electric light						Steam	1				Eng		

MORRIS, RIPLEY COUNTY. (Population, 420.)

†Donnell Bros	Saw mill	7				60	Steam	1						
Nordmeyer, John							Steam	1				Ins		

MORRISTOWN, SHELBY COUNTY. (Population, 622.)

Furnas, R. W., Ice Cream Co	Creamery						Steam	1		1		Ins	H	
Handy Bros	Condensed milk						Steam	1				Eng		
Lindsay, A. A	Saw mill						Steam	1				Eng		
Patten & Zike							Steam	1				Eng		

MT. COMFORT, HANCOCK COUNTY. (Population, 135.)

Duan & Whitaker	Grain elevator						Steam	1				Ins	H	

MT. VERNON, POSEY COUNTY. (Population, 5,563.)

American Hominy Co., Plant F	Corn products	36				72	Steam		2				A, B	Good.
†Brettners Hotel	Hotel	2	3			40								
†Brinkman, Henry	Drain tile	6				60	Steam	1				B. M		
Consumers Ice & Cold Storage Co	Manufacturing ice	6				84	Steam	2				Ins	H	
†Dietz, Fred P	Grocery and saloon	7				90								
†Dreamland Theatre	Motion pictures	2	2			24								
†Empress Theatre	Motion pictures	3	2			24								
†Excelsior Mfg. Co	Cotton gloves	2	1			54							A	Good.
Forthoffer, John	Carbonated beverages	5				57							A, B	Good.
Frier, William	Cigars	4	19		2	54							B	Good.
†Fuhrer, Ford Milling Co	Flour mill	18				66	Steam	2				Ins		
*Hartung, Aaron & Bro	Dry goods	3	6			57								
†Home Mill & Grain Co	Flour mill	13	1			66, 48	Steam	2				Ins	H	
*Industrial Brick Co	Manufacturing brick	10				60								
Joest Land & Improvement Co	Office building						Steam			1		Ins	H	
†Keck, Gonnerman Co	Foundry and machine	173	2			60, 48	Steam		2			Eng		Good.
†Klein & Wasem Grocer Co	General merchandise	9				63								
Litchfield Bros							Steam	2				Ins		
†Lowenhaupt, B. & Son	Tailor	5	2			60, 48								
†McGregor, W. A. & Co	Planing mill	4	1			60								
Mount Vernon City Schools	Schools						Steam	1		3		Ins		
†Mt. Vernon Democrat	Newspaper	5	1			48	Elec						A, B	Good.
†Mt. Vernon Electric Light & Power Co	Light and power	6				84	Steam	4				Ins	A, B, H	Good.
†Mt. Vernon National Bank	Banking	5				50								
†Mt. Vernon Steam Laundry	Laundry	4	13			58	Steam	1						
†Mt. Vernon Straw Board Co	Manufacturing box board	80				72	Steam	1	7			Ins		
†Mt. Vernon Water Works Co	Water supply	5				84	Steam	2				Ins		Good.
Peckingpaugh & Wier							Steam			1		Eng		
†Posey County Home Telephone Co	Telephone	10	7			60, 50								
†Rosenbaum & Bro	General merchandise	12	12			60, 54								

MT. VERNON, POSEY COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Russell House	Hotel													
St. Mathews Church							Steam.				1	Ins		
†Schenk, Clem V.	Plumbing	6				54								
†Schenk, E. B. Hardware Co	Hardware	8				66								
Scholey, D. L.							Steam.	1				Ins		
Smith, Charles Jr., & Sons	Planing mill	4				60	Elec						A, B	Good
†Stinson Bros. Dry Goods Co	Dry goods	9	5		1	63, 57								
†Sunlight Milling Co	Flour mill	7				66	Steam.	1				Ins	A, D	Good
†Walter Bros. Co	Bakery	8	2			48								
Western Star, The	Newspaper	4				48							B	
†Whitmore Handle Co	Manufacturing handles	10				59	Steam.			1		Ins		

MULBERRY, CLINTON COUNTY. (Population, 750.)

Ballard Ice Cream Co	Creamery						Steam.			1		Eng.,S.D.		
Jay Grain Co	Grain elevator						Steam.	1				Ins., S.D.	H	
†Kent, Beavers Hardware Co	Hardware	5	1			60, 54								
Rutan, Calvan	Flour and feed						Steam.	1				Eng.,S.D.		
*Ziegler, Charles	Hardwood lumber	8				59	Steam.	1				Eng.,S.D.		

MUNCIE, DELAWARE COUNTY. (Population, 24,005.)

†Aldine Hotel	Hotel													
American Co	Five and ten cent store	3	22		1	58							B	Good
†American Laundry	Laundry	6	24			45	S. & E.	1				Ins	H	Good
†American Lawn Mower Co	Lawn mower	3	122	2		60, 48	S. & E.		1			Ins	H	
†American Sheet & Tin Plate Co	Sheet steel, etc	3,442	35	1	14	54								
†Andrews Theatre	Theatrical	7	2			36								
†Ault, T. J. & Son	Fruit and produce	14	1			60								

†Auto Parts Mfg. Co	Auto parts	50	1			60, 54								
†Ballard, W. H. & Son	Hardware	9	1			57								
†Ball Bros. Glass Mfg. Co	Manufacturing glass	810	135	16	40	60	S. & E.	5	3			Ins.	H.	
*Banner Furniture Co	House furnishing	24	5			57								
†Bell Brothers Piano Co	Manufacturing pianos	47				59	S. & E.	1				Ins.		
†Bennett, B. W. & Co	Manufacturing bricks	22	1			60								
†Boyce, A. E. Co	Bookbinding, etc	11	8	1	1	54								
†Branch & Rose	Dry goods	3	13	1	1	54								
†Brand, Leslie	Fuel, feed, etc	8				60								
†Braun Hotel	Hotel	12	13			70								
†Broderick Co., The	Manufacturing boilers	125				60								
†Busch, Russell & Gelts Co	Monuments, etc	8	1			47, 53								
*Butterfield Canning Co	Canning	22	48		10	60	Steam			2		S. D.		
†Butterfly Bakery	Bakery	15	4			50								
†Campbell Ice Cream & Milk Co	Creamery	14	3			60, 55	S. & E.	1				S. D.		
†Cavanaugh Packing Co	Meat packing	14				56	Steam	2				Ins.	H.	
†Central Cafe	Restaurant	3	5		1	60								
Central Indiana Gas Co	Manufacturing gas	25				84	Steam	2				Ins.	A, D, H	Good
Central Indiana R. R. Co							Steam	2				B. M.		
†City Ice & Cold Storage	Manufacturing ice	6				72	Steam	2				Ins.	H.	
*City Laundry	Laundry	6	19			55	Steam	1				Ins.	B.	Good
*Clevenger, Earl L.	Plumbing	3	2			53								
†Coliseum Airdome	Motion pictures	4	2			16								
†Columbia Theatre	Motion pictures	4	1			48								
†Crescent Theatre	Motion pictures	2	1			18								
†Crystal Theatre	Motion pictures	1	1			45								
†Cunnington & Vienna Bakery	Bakery	8												
†Dean Forging Co	Drop forging	40				60	S. & E.		2			Ins.	H.	
Delaware Coal Co	Coal, etc	30				60								
†Delaware County National Bank	Banking	8	1			48								
*Denney, McCracken Fruit Co	Fruits and produce	14				60								
†Durham Mfg. Co	Manufacturing fireless cookers	32		6		58								
†Eagle Foundry Co	Foundry	35				54								
*Evers Laundry	Laundry	8	25			54	Steam	1				Ins.	H.	
†Family Theatre	Motion pictures	3			1	15								
†Feeney Mfg. Co	Vacuum cleaners	35	2			55, 48	Elec							
†Feinberg, Abe	Scrap iron	9				60								
Fossetts Delicatessen Bakery	Bakery	1	1			60							B.	Good
†Fountain Square Airdome	Motion pictures	1	2			15								
†French Steam Dye Works	Cleaning, dyeing, etc	13	6			60, 54	Steam	1				Ins.		
†Gibson Manufacturing Co	Washing machines	12	1	1		60, 45	Steam	1					A, B	Good
Gilberts Candy Store	Candy	3	1			45							B.	Good
†Gill Clay Pot Co	Manufacturing fire clay products	33				60	S. & E.	2				Ins.		
Glasscock Bros. Mfg. Co							Steam	2				Ins.		
†Goddard, Jos. A. Co	Wholesale grocery	37	4	1		60, 57	Elec						B.	Good
*Greenfield Fruit Jar & Bottle Co	Glass manufacturing	235	45		20	60								
Graves Cloak House	Cloaks and suits	3	12			58							B.	Good
Griffith, G. V.	Saw mill						Steam	2				Ins.	H.	
†Grouleff & Mauck Lumber Co	Lumber	5	1			54								
*Gumbiner Bros	Clothing	5	2			60, 54								

Name of Firm or Establishment	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Heckenhauer C.	Manufacturing vehicles	9				50								
†Hemingray Glass Co.	Manufacturing glass	140		19		54, 84	S. & E.	2		1		Ins.	H	
†Hene, M.	Dry goods	3	7	1		56								
†Hibbits Mill Co.	Flour mill	9	1			60								
†Hinde & Dauch Paper Co.	Manufacturing paper	112	26			60, 54	Steam	4				Ins.	H	
†Hinkley, Charles E.	Confectionery	3	3			65								
†Hofer Bros.	Retail meat market	6				62								
†Holdorfield Supply Co.	Retail coal, etc.	6	1			60								
†Hotel Delaware	Hotel	24	23			70								
†Indiana Bridge Co.	Bridge contractors	121	1			60, 48								
†Indiana Steel & Wire Co.	Manufacturing wire	432	1			60, 54	Steam	7				Ins., S.D.	H	
†Interstate Automobile Co.	Manufacturing autos	190	10			59, 54	Steam	2				Ins.	H	
†Keiser, George & Co.	Wholesale plumbing supplies	15	1			60, 54								
†Keller Company, The	Gents furnishings	20	7	2	7	63, 57								
Kemp Machine Works	Manufacturing gasoline motors	4	1			58							A, B	
†Kirby House	Hotel	9	10			60	Steam	1				Ins.	H	
†Kirby, Wood Lumber Co.	Lumber	20				60							A, B	
†Kitselman Bros.	Manufacturing wire fences	200	45			60, 54	S. & E.	1				Ins.	H	
†Klopfer, Fred	Manufacturing vehicles	6		2		60								
†Kuhner Packing Co.	Meat packing	14	4			60	Steam	2				Ins.	H	
†Lake Erie Hotel	Hotel													
†Lyric Theatre	Picture show	2	1			45								
*Machinists Foundry Co.	Foundry	35				60	Elec.						C	
†McNaughton, W. A. Co.	Department store	24	71		27	54	Steam	2				Ins.	H	
†Meeks, L. J.	Manufacturing handles	39	1			58	Steam	1					B	
†Merchants Delivery Co.	Messenger service, etc.	23	1			60, 54								
†Merchants National Bank	Banking	12				48								
*Millikan, G. W.	Manufacturing vehicle bows	17		3		59	Steam	1				Ins.		
†Moon Machine Co.	Machine repair	6				60	Elec.							
†Moore Mfg. Co.	Manufacturing steel couches	18	9			55, 50	S. & E.	2				Ins.	H	
†Morrow & Morrow	Contractors	15				60								
Muncie Artificial Cement Works	Manufacturing cement blocks and brick	15				54							B	
†Muncie Auto Co.	Manufacturing autos	7				54								
†Muncie Boiler & Sheet Iron Works	Boiler works, etc.	7				60							A, B	

*Muncie Builders Supply Co	Builders supplies	9	1			60							B	
Muncie Brewing Co	Brewery						Steam	2				Ins	H	
†Muncie Casket Co	Manufacturing caskets	7	5			54								
†Muncie Electric Light Co	Light, heat and power	82	8			77, 50	Steam	2	6			Ins	H	
†Muncie Floral Co	Florists	3	2			60								
†Muncie Foundry & Machine Co	Engine castings	180	1			60	S. & E	1				Ins	H	
†Muncie Gear Works	Automobile parts	40				58							B	Good.
†Muncie Ice and Coal Co	Ice	7				84	Steam	2				Ins	H	
†Muncie Jewelry & Plating Works	Jewelry	11	3			60								Good.
Muncie Lubricating Co	Greases	2				60							B	Good.
†Muncie Lumber Co	Lumber	7	1			51, 60								
Muncie Normal Institute	Institute						Steam	2		1		Ins	H	
†Muncie Oil Engine Co	Engines	77	3			54, 60	Steam	1				Ins	H	
†Muncie Ornamental Iron Works	Structural iron	9	1			42, 60								
†Muncie Stone & Lime Co	Crushing stone	25	1			50, 55	Elec							
†Muncie Transfer Co	Transfer	18				54								
*Muncie Water Works Co	Water	13				84	Steam	7				S.D., Ins	H	
*Muncie Wheel Co	Vehicles	146	4			48, 59	E. & S	2				Ins	H	
†New Southern Hotel	Hotel	2	5			50								
†Oil Well Supply Co	Repairing tools, etc	5				60	Steam	1				Ins		
Olympia	Confectionery	3	1			70							B	Good.
*Ontario Silver Co	Silver table ware	195	65		25	55	S. & E	3				Ins	A, H	
*Paris Restaurant	Restaurant	4	2			60								
†Pierce Printery	Job printing	5	2			48								
†Pioneer Pole & Shaft Co	Vehicle poles	225				60	S. & E	3				Ins	H	
†Press Publishing Co	Newspaper	24	4			48	Elec							Good.
†Republic Iron & Steel Co	Iron and steel	1,093	62	21	20	54, 60	S. & E		3			S.D., Ins	H	
*Retherford Bros. Co	Lighting fixtures	20	5			54, 60	S. & E			1		Ins	H	
†Riekeberg, Julius	Cigars	5		1		48								
*Ringold, S	Clothing	4	1			56, 63								
†Rohrs & Bath	Department store	7	34		1	57							E	Good.
†Rosenthal, E	Wholesale confectioner	4	6		6	60							B	Good.
†Rowlett, G. W	Mercantile	16	2			57, 63							A	Bad.
†Royal Theatre Co	Moving pictures	2		1	1	48								
Rutherford, J. R							Steam	1				Ins	H	
†St. John Cigar Co	Cigars and tobacco	1	6			54, 60								
†St. John Hotel	Hotel		2			48								
St. Lawrence School	School						Steam	1				S. D		
†Sowar, Frank W. Shoe Co	Boots and shoes	6	2			50, 64								
Spurgeon, W. A							Steam	1				Ins	H	
Standard Oil Co	Oil						Steam			1		Ins		
†Sterling Cash Grocery	Grocery	1	5			54, 66								
†Tuhey Canning Co	Cannery	45	95			60	Steam	2				Ins	H	
†Union National Bank	Banking	9				40								
†Vaudelle Theatre	Moving pictures	2	1			45								
*Walnut Hotel	Hotel	2	3			66, 77								
Warden Co., The							Steam	2				Ins	H	
†Warner, T. W. & Co	Auto parts	65	3			50, 60								
†Warner Bros. Machine Works	Auto parts	5				58								Good.
†Warner Gear Co	Auto parts	536	8	1		50, 60	S. & E	1				Ins	H	

MUNCIE, DELAWARE COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Wosk Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sections.	Boilers Inspected and by Whom.		
†Whiteley Malleable Castings Co	Malleable casting	305	10	1	9	50							A	Poor
†White River Creamery Co	Creamery	18	8		1	54, 60	S. & E.	1				Ins.	B, H	Good
†Wirts Cafe	Restaurant	1	12			70								
*Woodbury, Elliott Grain Co	Grain, etc	16	3			48, 60								
Woolworth, F. W. & Co	Five and ten cent store	4	34			59								Good
†Wysor Grand Opera House	Theatrical	2	40				Steam	1				S. D.		
Y. M. C. A	Y. M. C. A. building						Steam			1		Ins.	H	

NAPPANEE, ELKHART COUNTY. (Population, Census, 2,260.)

†Coppes Hotel	Hotel	1	5			48, 60								
†Coppes, Zook & Mutschler Co	Saw mill, etc	173	5			48, 59	Steam	5				S.D., Eng.	A, B	Good
†Freese's, Geo. Sons	Butter, eggs and poultry	65	2			60	Steam	2				S.D., Ins.	A, B, H	Good
Hartman Star Store	Bakery		2			84							B	Good
Huffmans Bakery	Bakery	4				60							B	Good
Imperial Works	Lighting fixtures	6	4			59							A, C	Fair
†Lamb, George L	Furniture novelties	29	11			60	Steam	1				S. D.		
*Lamb Bros. & Greene	Lamps	23	6	2	10	48, 59	Steam	1				S. D.		
Nappanee Advance, The	News and job printing	1	2			50							A, B	Fair
†Nappanee Carriage Co	Vehicles	13	1			54, 59							A, B	Good
Nappanee Light & Water Co	Light and power	3					Steam	2				Ins., S.D.	H	
†Nappanee Lumber & Mfg. Co	Silos	7	1			54, 59	Steam	2					A	Good
Nappanee News	News and job printing	2	2			59	Elec							Good
Nappanee Steam Laundry	Laundry	1	4			50	Steam			1		S. D.	A, B	Fair
†Nappanee Telephone Co	Telephone	2	5			60								
†Weiss Cash Hardware Co	Hardware	7				60								

NEEDHAM, JOHNSON COUNTY. (Population Census, ——.)

Fisher, E. M.	Grain elevator						Steam.	1				Eng.		
Hill, Wilford & Son							Steam.			1		S. D.		

NEW ALBANY, FLOYD COUNTY. (Population, Census, 20,629.)

American Automobile Corporation	Automobiles						Steam.	2				Ins.	H.	
American Hame & Mfg. Co	Hames, etc	50	3			55	Steam.		2			Ins.	A.	Good.
†Anchor Stove & Range Co	Stoves and ranges	95	1			52, 59	Steam.	1				Ins.		
†Arctic Ice & Cold Storage Co	Ice and storage	9				60	Steam.	2				Ins.	H.	Good.
†Baer, John	Department store	3	12			61								
†Bakers Printing House	Printing	3	2	2	1	60	Elec.						A.	Good.
†Barth, August, Leather Co	Tannery	64	1			50, 60	S. & E.	2				Ins.	A, D.	Good.
†Bir, Louis	Lumber, etc	9				48	Elec.							
Bird & Stratton	Ice cream factory	2	4			60								Good.
Bowman, D. F.	Packing and waste						Steam.	1				Ins.	H.	
†Caledonia Mining Co	Coal mining	60				48								
†City Bottling Works	Liquors, etc	7	1			60								
†Collins, Will T	Transfer	5				55								
*Condra, W. S. & Co	Concrete blocks	5				54								
†Conrad, Kammerer Glue Co	Glue	25				60	Steam.	2				Ins.		
†Creed, Walter B. Co	Hardware	6	1			46, 60								
†Curl, P. N	Wholesale grocery	7	3			48, 60								
†Crystal Theatre	Moving pictures	4	2											
Davis, G. W	Art chemicals	2				60							A, B.	Good.
†Day Leather Co., The	Tannery	50				55	Steam.	1				Ins.		Good.
†Embrey, Earle	Contractor	10				54								
Enterprise Ice & Coal Co	Ice and coal	3	1			72								Good.
†Ewing & Zeller	Printing and publishing	7	1	1	1	48, 60								
†Falls City Amusement Co	Moving pictures	18	6			27								
*Ferguson, J. M	Livery	5	1											
†Finger Bros., P. K. Coal Co	Coal	10				60							A, B.	Good.
Floyd County Lumber Co	Lumber	2				54							A.	Good.
†Gardner, S. J., Foundry & Machine Co	Foundry and machinery	30				59	Steam.	1						
†Goetz, Coleman Mfg. Co	Gas engines, etc	9				59								
Goetz Pressed Brick Co	Brick						Steam.	1				S.D.,Eng.		
†Gohmann Bros. & Kahler Co	Stoves and ranges	63	1			52, 59	Elec.							
†Goulding Coal Co	Coal	12				60								
†Graf, George S	Harness and collars	6				55								Good.
†Graf, J., Crupper Co	Cruppers	5				50								
†Guthrie Bros	Brooms, mops, etc	5	3											
†Haffen, John S	Ice cream	4	1			60								Good.
†Hammersmith, L	Transfer	40				60								
†Hartman, Louis & Sons	Wholesale flour and grain	7	1			54, 60								
†Hegewald, Chas. Co	Foundry and machine	56				54	Steam.	2				Ins.	A, B.	

NEW ALBANY, FLOYD COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Heimberger Veneer & Lumber Co							Steam	1				Ins		
†Home Furniture & Carpet House	House furnishings	4	2			60								
†Home Steam Laundry	Laundry	4	16			54	Steam			1		Ins	A, C	Good.
†Hoosier Brick Co	Brick	25				54	Steam	2				Ins	B, H	Good.
Hoosier Dye House Mfg. Co	Dyeing and cordage						Steam	1				Ins		
†Hopkins Fertilizer Co	Fertilizers	20	2			54, 60	Steam	2						
†Indiana Candy Co	Confectionery	4	4			54, 60								
†Indiana Leather Co	Leather	35				54	Steam	1				Ins	A	Good.
†Indiana Veneer & Panel Co	Veneers	115				60	Steam	2				Ins	A, H	Good.
Inman Ice & Cold Storage Co	Ice						Steam	2				Ins		
†Kahler, The	Wood specialties	18	1		1	48, 60	Elec							
†Klerner Peter	Furniture	94	2	1		50, 60	Steam	2				Ins	A	Good.
†Kraft, Frank A	Undertaker	5				60								
†Laub-Zink Furniture Co	Furniture	8	2			60, 65								
†Ledger Co., The	Printing and publishing	7	4	1	2	48								
†Lindemann, A	Plumbing	4	1			48, 54								
Lindamann, Fred W	Cigars	5				48								
†Louisville Home Telephone Co	Telephone	22	33			54								
*Louisville Malting Co	Malt	6				50	Elec							Good.
†Lucik, Anthony	Upholstered furniture	16		3		60								
†Manus, Frank & Son	Pork packer	7				60	Steam	1				Ins	H	Good.
†McDonald Co	Grain	6	2	1		45, 60	S. & E	1				Ins		Good.
†Menden, C. H. Coal Co	Coal mining	40				48	Steam	1						
*Miller & Nickel Co	Blacksmith	7				59								
†Moser, Geo. & Co	Leather	45				54	Steam	2				Ins		
†Mutual Trust & Deposit Co	Banking	7	1			48								
†New Albany Box & Basket Co	Boxes and baskets	95	70	20	20	54, 56	Steam	2				Ins	A, C	Good.
New Albany Hosiery Mills	Hosiery						Steam	2				Ins		
†New Albany Ice Co	Ice and cold storage	8				72	Steam	3				Ins	A	Good.
†New Albany Mfg. Co	Foundry and machine shop	35				54	Steam	2				Ins		
†New Albany Milling Co	Flour and feed	5	1			60								
†New Albany National Bank	Banking	6				48								
New Albany Steam Laundry	Laundry	13	27			50	Steam	1				Ins	A	Good.
†New Albany Veneering Co	Veneer	77	3			48, 60	S. & E	2				Ins	A, H	Good.

New Albany Water Works	Water	5				72	Steam		2	1		Ins.	A, B	Good.
†Newburger, S. W. & Co	Department store	15	51	1	7	60								
Nirmaier, Veit							Steam	1				Ins.	H	
†Ohio Falls Iron Co	Iron	800				60	Steam		10			Ins.	A, B, H	Good.
Public Press	Newspaper and job printing	3				48								Good.
†Rasmusser, Anders	Florist	23	5	2		48								
*Reising, Paul, Brewing Co	Brewery	25				50	Steam	2				Ins.		Good.
†Rhodes-Burford House Furnishing Co	Furniture	7	1			60								
River Coal & Supply Co	Coal, etc	10				60								Good.
†Roberts & Conner Co	Lumber and veneer	45				60	Steam	2				Ins.		
†Rowe, Fawcett Co	Wholesale grocery	14	2			44, 60								
†Royal Theatre	Picture show	2	2			21								
†Sapinsky, J. & Sons	C othing, etc	11	2			60								
Schueler & Enslinger	Abattoir	4				60	Steam	1				B. M.		Good.
†Second National Bank	Banking	8	1			48								
†Shine, John H. & Co	Flour and feed	9				60								Good.
†Slider, E. T	Coal, etc	66	2			50, 60	Steam	2				S.D., B.M.	H	Good.
†Stein, N. Bakery	Bakery	10	3			50, 65								
†Tribune Co., The	Printing and publishing	5				48								
Umbreit, Chas	Abattoir						Steam	1				Ins.	H	
United Gas & Electric Co	Light	28				70	Steam						A	Good.
†Vernia, John & Son, Marble Co	Monuments	6				54							B	Good.
†Victoria Theatre	Moving pictures	2	1			28								
†Walter, John J	Hardware	5	1			48, 54								
†Wood, Mosaic Co	Lumber and veneer	135		6		60	S. & E.	4				S.D., Ins.	H	
†Zier Boiler & Sheet Iron Co	Boilers, etc	24	1			50	Elec							
†Zinsmeister, Frank	Wholesale grocery	17				60								

NEWBURG, WARRICK COUNTY. (Population, Census, 1,097.)

Archbold, John, Coal Co	Mining coal						Steam	1				Eng.		
Brizius, Chas. W. Co	Flour and feed						Steam	1				Ins.		
Newburg Canning Co	Cannery						Steam	1				Ins.		
†Sargent Coal Co	Coal mining	13	2			48	Steam	2				Ins.	H	
Stacer-Epperson Coal Co	Coal mining						Steam	2				Eng.		

NEW CARLISLE, ST. JOSEPH COUNTY. (Population, Census, 617.)

New Carlisle Milling Co	Flour mill	3					Steam	1				S. D.		
New Carlisle Water Works	Water	3					Steam	2				S.D., Ins.	H	
Town of New Carlisle	School						Steam			2		Ins.	H	

NEW CASTLE, HENRY COUNTY. (Population, Census, 9,446.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Benthey, F. J.	Florist	9				60								
Bond, W. C.							Steam	1				Ins	H	
Brown, C. W.	Confectionery	2	1				Elec						A, B	Good
*Burk Construction Co.	Bridge construction	37				48								
Buykin, Sam J.	Cigars	2	6			57							B, G	Good
Central Union Telephone Co.	Telephone	3	23			65							B	Good
Chicago Store, The	General store	3	5			54							B	Good
†Citizens State Bank	Banking	5	3			48								
City of New Castle	Water and Light						Steam		2			Ins	H	
Consumers Ice & Fuel Co.	Ice and coal	15				84	Steam	2				Ins	A	Good
†Courier Co.	Publishing	16	1			40, 54							A, B	Good
Dickman's Bakery	Bakery	3	1			54, 60							B	Good
†Dingel, W. F.	Saw mill	20				60							A, B, G	Fair
Dittman, William	Florist	4				60							B	Good
†First National Bank	Banking	3	2			48								
Foust, Sam, Planing mill	Planing mill	8				60							B	Good
†French, Jesse & Sons, Piano Co.	Pianos	215	35			60	Steam		3			Ins	H	
†Goodwin, R. B.	Clothing store	5	1			60								
†Heller Bros. Co.	Florist	8	2			48, 60	Steam	2				Ins		
†Hoosier Mfg. Co.	Furniture	450	20		3	48, 60	Steam	2	1			Ins	B, H	Good
†Hotel Dengler	Hotel	3	7	1		56								
†Indiana Rolling Mill Co.	Rolling mill	185				58	Steam		3			Ins	H	
Indpls., New Castle & Northeastern Trac. Co.	Power house						Steam		3			Ins		Good
Interstate Public Service Co.	Light and power	9				84	Steam						B	Good
Jersey Creamery Co.	Creamery	5				60							B	Good
†Kahn, Heller Co.	Dry goods	5	20			60								
†Kuntz, C. P. Lumber Co.	Lumber	5				48								
Martin-Martin Co.	Flour mill						Steam	1				Ins	H	
*Maxwell-New Castle Mfg. Co.	Auto parts	444	34	3	9	53, 59	Steam		1					
May & Smith Co.	Auto repairs	2				60							A, B	Good
Middlewest Utilities Co.	Light and power						Steam		3			Ins	H	
Mohler, W. H.	Bakery	4	1			60	Elec						B	Good
*National Spring Co.	Automobile springs	17				56	Elec							
†New Castle Casket Co.	Caskets	31	16			60	Steam	1				Ins	H	
†New Castle "D" Handle Works Co.	Handles	18				60	Steam	1						Good

New Castle Elevator Co	Grain elevator	2				60							B	Good
†New Castle Foundry Co	Foundry	33				60								
New Castle Laundry	Laundry	2	5			55	Steam.	1				Eng	B, H	Good
†New Castle Lumber Co	Lumber	5				60								
New Castle Morning Star	Printing and publishing	10	1			56½	Elec						A, B, D	Good
†New Castle Printing Co	Printing and publishing	14	1			48, 57								
*Olinger, J. P	Florist	19				60	Steam.							
†Pan American Bridge Co	Structural work	46	1			48, 60	Steam.	1				Ins	A, B	Good
†Rossi, John Co	Piano strings	19				55								
†Royal Theatre	Moving pictures	1	2			36, 42								
†Scioto Canning Co	Cannery	30	70			60	Steam.	1				Ins	B, H	Good
Security Trust Co	Ice plant						Steam.	2				Ins		
†Shopp, W. A. & Co	Heating and plumbing	7	1			60	Gas							
†Smith Bros. Dry Goods Co	Dry goods	1	5			58								
†South Park Floral Co	Florist	23	2			60	Steam.	5				Eng	B	Good
South Side Bakery	Bakery	3				60	Elec						B	Good
†Starette Theatre	Moving pictures	1	2			48, 60								
†Theatorium	Moving pictures	3	1			21								
Times Publishing Co	Printing and publishing	10	2			56½	Elec						A, B	Good
Union Traction Co	Power plant						Steam.		3			Ins		
U. S. Motor Co							Steam.		3			Ins	H	
†Universal Tractor Co	Farm machinery	26	2	1		50, 55								
Wah, Sam	Laundry	3				60							B	Good
*Weiland, Peter	Florist	8				60								
Woolworth, F. W	Five and ten cent store	1	6			58							B	Good

NEW CHICAGO, LAKE COUNTY. (Population, Census, .)

†New Chicago Specialty Co	Specialties	22	20	3	9	54, 60								

NEW HARMONY, POSEY COUNTY. (Population, Census 1,229.)

Corbin Milling Co	Flour mill						Steam.	1				Ins		
Town of New Harmony	Light						Steam.	2				Ins		
Town of New Harmony	Schools						Steam.	1			1	Ins	H	

NEW HAVEN, ALLEN COUNTY. (Population, Census, 1,038.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Brudi, Joseph	Flour mill	7				60	Steam	1				S.D.,Eng.	H	
†‡Elastic Plaster & Coal Co.	Concrete products	5				60	Steam	1				S.D.,Eng.		
Hisner & Minsel	Grain elevator	2				60							A, E	Good.
New Haven Lumber & Supply Co.	Interior woodwork	4				60							A	Fair.
‡Schnitker & Sons Co.	Handles						Steam	1				S. D.		
Sperry Mfg. Co.	Handles						Steam	1				S.D., Ins.		
Wayne Chair Co.	Chairs						Steam	1				S.D., Ins.	H	

NEW MARKET, MONTGOMERY COUNTY. (Population, Census, 334.)

†Armantrout & Childers	Drain tile	5		1		40	Steam	1				S.D.,Eng.		
Crabbs, Reynolds, Taylor Co.	Grain elevator						Steam	1				S.D.,Ins.	H	
‡New Market Lumber Co.	Saw mill						Steam	1				S. D.		

NEW PALESTINE, HANCOCK COUNTY. (Population, Census, 450.)

Madison, James	Bent wood						Steam	1				Ins.	H	
Waltz, J. W. & Co.	Flour mill						Steam	1				Eng.		

NEW POINT, DECATUR COUNTY. (Population, Census, 341.)

†Big Four Stone Co.	Stone Quarry	20				60								

NEWPORT, VERMILLION COUNTY. (Population, Census, 732.)

Dee, Wm. E., Clay Works	Clay products	58				60	Steam	3				S.D., Ins.	H	Good.
Evans, Chas. T.	Saw mill	3				54	Steam	1				S.D., Eng.	A, H	Good.

NEW RICHMOND, MONTGOMERY COUNTY. (Population, Census, 464.)

Union Elevator Co.	Grain elevator						Steam	2				Ins	H	

NEW ROSS, MONTGOMERY COUNTY. (Population Census, 296.)

‡Booker, F. J.	Tile mill						Steam	1				Eng		
Creasey & Wall	Grain elevator						Steam	1				Ins		
Johnson, Morgan	Saw mill	7					Steam	1				S.D., Eng.		
New Ross Grain Co.	Grain elevator	2					Steam	1				S.D., Eng.		

NEW WAVERLY, CASS COUNTY. (Population, Census, 280.)

McFadden, F. P.	Grain elevator						Steam	1				Ins		

NOBLESVILLE, HAMILTON COUNTY. (Population, Census, 5,073.)

†American Straw Board Co.	Box boards	135				72	Steam		6			S. D.		
*Butler Printing House	Job printing	3	3			58								
†Capital Furniture Mfg. Co.	Piano benches	25				59	S. & E.	1				S.D., Ins.	A, H	Good.
‡†Caylor, H. M. & Son	Planing mill	11	1			60	Steam	1				S. D.		
*Caylor's Stores	General merchandise	7	6			50, 60								
†Citizens State Bank	Banking	5				48								
†Clarke, Brock & Co.	Dry goods	2	6			62, 66								
*Conden, A. D.	Grocery	8	1			40, 60								
*Craycraft, George	Dry goods	2	7			56								
†Enterprise Printing & Publishing Co.	Printing and publishing	7	1			47, 58							A, C	Poor.
†Excelsior Laundry	Laundry	2	2		3	53	Steam			1		S.D., Eng.		
†Gaeth, H. C.	Lumber	15				60								
*Hare, W. & Son	Vehicles	20				60	Elec							
†Harrell Hospital	Hospital	1	6			48								
†Heylmann, J. G. & Sons	Buggies	10				60								
†Houston Hotel	Hotel	1	4			56, 70								

NOBLESVILLE, HAMILTON COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F.B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Ledger Co., The	Printing and publishing	6	1			58								
†National Carbon Co	Carbons	60	2	1	1	55	Steam	3				S.D., Ins	A, F, H	Poor
Neher, D. I	Saw mill	10	1				Steam	1				S.D., Ins	H	
†Noblesville Daily Ledger	Newspaper	3	2			60								
†Noblesville Heat, Light & Power Co	Light and power	19	2			58, 60	Steam		5			S.D., Ins	H	
†Noblesville Milling Co	Flour mill	56	4		1	48, 66	Steam		3			S.D., Ins	H	
*Pinnell-Dulin Lumber Co	Lumber	9	1			54, 60								
†Sowerwine & Osbon	Dry goods	3	4			55, 65								
†Standard Canning Co	Cannery	40	40	10	10	50, 60	Steam	2				S.D., Ins	H	
†Star Theatre	Moving pictures	2	1			18								
†Union Sanitary Mfg. Co	Sanitary ware	224	1			48, 54	Steam	3				S.D., Ins	H	
†Wild Opera House	Theatrical													

NORTH GROVE, MIAMI COUNTY. (Population, Census, 350.)

‡Garrison Grain Co	Grain elevator	2					Steam	1				S. D		
Hammond Produce & Cold Storage Co	Creamery	2					Steam	1				S. D		

NORTH JUDSON, STARKE COUNTY. (Population, Census, 1,143.)

C. I. & S. Railroad	Pumping station						Steam			1		S,D.,B.M.		
†De Armond Hotel	Hotel		2											
†Judson Creamery & Produce Co	Butter, etc	6	2			48, 60	Steam	1				S.D., Ins	H	
Korinek, Frank	Bakery	2	1			54							G	Fair
McClusky, George	Bakery	1	1			54							B, G	Good
Monarch Case Mfg. Co	Suit cases	3				54								Good

North Judson Electric Co	Light	5					Steam	2				S.D., Ins.	H	
‡North Judson Milling, Light & Power Co	Light and power	5					Steam	1				S. D		
Peoples Grain Co	Grain elevator	2					Steam	1				S. D		
Smith & Bates	Cigars	3				48							B	Good.

NORTH LIBERTY, ST. JOSEPH COUNTY. (Population, Census, 681.)

Schlosser Bros	Creamery						Steam	1				Ins		
Wabash Railroad	Pumping station						Steam	1				B. M		

NORTH MANCHESTER, WABASH COUNTY. (Population, Census, 2,428.)

‡Acme Grain Company	Grain elevator	5					Steam	1				S. D		
†Brown, J. A. Company	Wagon woodstock	17	1			60	Elec						A, B	Good.
†Brown-Mills Electric Co	Light and power	6	1			60, 66	Steam	2				S.D., Ins.	A, H	Good.
†Burdge's Stores	General store	4	2			48, 72								
*Cox, S. S. Show Case Co	Show cases	29	1			47, 59	Elec						A, H	Good.
Delvin, John A	Bakery	2				72								Good.
†Eel River Telephone Co	Telephone	2	7			45, 54								Good.
† ‡Eel River Valley Creamery Co	Creamery	20	2			45, 50	Steam	1				S. D		Good.
Fanning & Ruse	Bakery	4				60							B	Good.
Horne, Fred	Machine shop	3				60	Elec						A, B	Good.
†Hotel Sheller	Hotel	4	4											
Journal, The	Printing and publishing	2	2			51	Elec							Good.
‡Kinsey Bros	Grain elevator	3				60	Steam	1				S. D		Fair.
Martin, Bernard	Job printing	1	2			48	Elec						A, B	Good.
North Manchester Foundry Co	School furniture	23				60							A	Fair.
North Manchester Lumber Co	Lumber and cement	4				54							B	Good.
‡North Manchester Tile & Brick Works	Tile and brick	10				60	Steam	1				S. D		
North Manchester Water Works	Water	2					Steam	1				S.D., Ins.	H	
†Oppenheim, B. & Co	Department store	5	5			58	Elec						B	Good.
†Peabody School Furniture Co., The	School furniture	74	1			48, 60	Steam	2				S.D., Ins.	A, D, H	Good.
† ‡Strauss, J. W.	Saw mill	9				60	Steam	1				S. D	A	Good.
†Syracuse Screen & Grill Co	Screens, etc	37	2	1		54, 60	Steam	1	2			S.D., Ins.	A, B, E, H	Good.
†Turner Wm. H	Dry goods	4	4			54, 58								
†Ulrey, Ty'er & Co	Saw mill	8	1			48, 60	Steam	1				S. D	A, B	Good.

NORTH VERNON, JENNINGS COUNTY. (Population, Census, 2 915.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
City Bakery	Bakery	2	2			48	Elec.						B	Good.
City of North Vernon	School						Steam.			1		Ins.		
City of North Vernon	Water and light						Steam.	1	2			S.D. Ins.	B, H	Good.
†Cone & Stearns	Spokes	19	1			60	Steam.	1				S.D., Ins.	A	Good.
*‡Co-operative Enterprise Glass Co	Lamp chimneys	136	13	14		48	Steam.	2				S.D.,Eng.	A, B	Good.
†Crocker C. S	Grocery	4	4			60								
Eberts Bros	Flour and feed	12	1			66	Steam	2				S. D.	A	Good.
†German Hotel	Hotel													
Goyert-Vogel Egg & Poultry Co	Butter and eggs	5				60							A, B, C, D.	Good.
†Hicks, Harry	General repairing	10				60	Gas						A	Good.
†Jennings County Telephone Co	Telephone	3	4			54								
*Litchfield Bros	Lumber	29	1			60	Steam.	2				S.D., Ins.	H	
†Miller, J. H	Planing mill	9	1			36, 60	Steam.	1				S.D., Ins.	A, B, D, H.	Good.
†Metropole Hotel	Hotel	8	3											
†North Vernon Box Co	Boxes	15		1		60	Steam.	1				S.D., Ins.		
†North Vernon Lumber Co	Lumber	49	1			48, 60	Steam.	1				S.D., Ins.	A	Good.
‡North Vernon Sanitary Laundry	Laundry	2					Steam.			1		S. D.		
†North Vernon Stave Co	Staves	7				60	Steam.	1						
†North Vernon & Vernon Telephone Co	Telephones	3	6			54								
†Philharg Theatre	Moving pictures	2	2			12								
Robinson Machine Co	Repairing	5				60							A, B	Good.
Snider, T. A., Preserve Co	Preserving	64					Steam.	2	1			S.D., Ins.		
†Wolf, Gumble & Son	Dry goods, etc	2	6			54								

NORTH WEBSTER, KOSCIUSKO COUNTY. (Population, Census, 200.)

Yellow Bank Hotel	Hotel	2	3			70								

NOTRE DAME, ST. JOSEPH COUNTY. (Population, Census, 1,000.)

St. Mary's Academy	Academy						Steam	6				S.D., Ins.	H	
University of Notre Dame	University						Steam	10				S.D., Ins.	H	

OAKFORD, HOWARD COUNTY. (Population, Census, 100.)

Oakford Grain Elevator Co	Grain elevator						Steam	1				B. M		

OAKLAND CITY, GIBSON COUNTY. (Population, 2,370.)

†Amuzu Theatre	Picture show	2	1			12								
†Aryshire Coal Co	Mining coal	369	1	30		48	S. & E	9						
Baker, E. H	Flour mill						Steam	1				Ins., S.D		
†Bugg, T. C., Coal Co	Mining coal	10				40	Steam	2				S. D		
†Deutsch, A. & Bro	Retail grocery	7	2			62, 55								
Downey, Coleman & Co	Saw mill						Steam			1		S. D	H	
McCord & Butcher	Flour mill						Steam	1				Ins., S.D	H	
‡Model Creamery & Ice Cream Co	Creamery						Steam	1				Eng.,S.D		
‡Oakland City Clay Works	Manufacturing clay products						Steam	1				Ins., S.D		
†Oakland City Electric Light & Power Co	Light and power	7				77	Steam	3				Ins., S.D	H	
Oakland City Water Company	Water works						Steam	1				Ins	H	
‡Peacock Coal Co	Mining coal						Steam	3				S. D		
Pioneer Pole & Shaft Co							Steam	3				Ins		
Read, Charles							Steam	1				Eng		
†Redman Hotel	Hotel	1	4			60								

OCKLEY, CARROLL COUNTY. (Population, 175.)

McComas, Hornbeck							Steam	1				Ins	H	

ODON DAVIESS COUNTY. (Population, 1,064.)

†Correll & Burrell	Monuments	6				60	Steam	1				Eng		
Neerimer, W. R	Saw mill						Steam	2				Eng., S.D		
Odon Creamery Association	Creamery						Steam	1				Eng		
Odon Milling Co							Steam	1				Ins		
†Overton Coal Co	Mining coal	15				40								
†Stucky Coal Co	Mining coal	13				48								
Taylor, H. A	Saw mill						Steam	1				Eng		

NOBLESVILLE, HAMILTON COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F.B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Ledger Co., The	Printing and publishing	6	1			58								
†National Carbon Co	Carbons	60	2	1	1	55	Steam	3				S.D., Ins.	A, F, H	Poor.
Neher, D. I	Saw mill	10	1				Steam	1				S.D., Ins.	H	
†Noblesville Daily Ledger	Newspaper	3	2			60								
†Noblesville Heat, Light & Power Co	Light and power	19	2			58, 60	Steam		5			S.D., Ins.	H	
†Noblesville Milling Co	Flour mill	56	4		1	48, 66	Steam		3			S.D., Ins.	H	
*Pinnell-Dulin Lumber Co	Lumber	9	1			54, 60								
†Sowerwine & Osbon	Dry goods	3	4			55, 65								
†Standard Canning Co	Cannery	40	40	10	10	50, 60	Steam	2				S.D., Ins.	H	
†Star Theatre	Moving pictures	2	1			18								
†Union Sanitary Mfg. Co	Sanitary ware	224	1			48, 54	Steam	3				S.D., Ins.	H	
†Wild Opera House	Theatrical													

NORTH GROVE, MIAMI COUNTY. (Population, Census, 350.)

‡Garrison Grain Co	Grain elevator	2					Steam	1				S. D.		
Hammond Produce & Cold Storage Co	Creamery	2					Steam	1				S. D.		

NORTH JUDSON, STARKE COUNTY. (Population, Census, 1,143.)

C. I. & S. Railroad	Pumping station						Steam			1		S,D.,B.M.		
†De Armond Hotel	Hotel		2											
†Judson Creamery & Produce Co	Butter, etc	6	2			48, 60	Steam	1				S.D., Ins.	H	
Korinek, Frank	Bakery	2	1			54							G	Fair.
McClusky, George	Bakery	1	1			54							B, G	Good.
Monarch Case Mfg. Co	Suit cases	3				54								Good.

North Judson Electric Co	Light	5					Steam	2				S.D., Ins.	H	
‡North Judson Milling, Light & Power Co	Light and power	5					Steam	1				S. D		
Peoples Grain Co	Grain elevator	2					Steam	1				S. D		
Smith & Bates	Cigars	3				48							B	Good

NORTH LIBERTY, ST. JOSEPH COUNTY. (Population, Census, 681.)

Schlosser Bros	Creamery						Steam	1				Ins		
Wabash Railroad	Pumping station						Steam	1				B. M		

NORTH MANCHESTER, WABASH COUNTY. (Population, Census, 2,428.)

‡Acme Grain Company	Grain elevator	5					Steam	1				S. D		
†Brown, J. A. Company	Wagon woodstock	17	1			60	Elec						A, B	Good
†Brown-Mills Electric Co.	Light and power	6	1			60, 66	Steam	2				S.D., Ins.	A, H	Good
†Burdge's Stores	General store	4	2			48, 72								
*Cox, S. S. Show Case Co	Show cases	29	1			47, 59	Elec						A, H	Good
Delvin, John A	Bakery	2				72								Good
†Eel River Telephone Co	Telephone	2	7			45, 54								Good
†‡Eel River Valley Creamery Co	Creamery	20	2			45, 50	Steam	1				S. D		Good
Fanning & Ruse	Bakery	4				60							B	Good
Horne, Fred	Machine shop	3				60	Elec						A, B	Good
†Hotel Sheller	Hotel	4	4											
Journal, The	Printing and publishing	2	2			51	Elec							Good
‡Kinsey Bros	Grain elevator	3				60	Steam	1				S. D		Fair
Martin, Bernard	Job printing	1	2			48	Elec						A, B	Good
North Manchester Foundry Co	School furniture	23				60							A	Fair
North Manchester Lumber Co	Lumber and cement	4				54							B	Good
‡North Manchester Tile & Brick Works	Tile and brick	10				60	Steam	1				S. D		
North Manchester Water Works	Water	2					Steam	1				S.D., Ins.	H	
†Oppenheim, B. & Co	Department store	5	5			58	Elec						B	Good
†Peabody School Furniture Co., The	School furniture	74	1			48, 60	Steam	2				S.D., Ins.	A, D, H	Good
†‡Strauss, J. W	Saw mill	9				60	Steam	1				S. D	A	Good
†Syracuse Screen & Grill Co	Screens, etc	37	2	1		54, 60	Steam	1	2			S.D., Ins.	A, B, E, H	Good
†Turner Wm. H	Dry goods	4	4			54, 58								
†Ulrey, Ty'er & Co	Saw mill	8	1			48, 60	Steam	1				S. D	A, B	Good

NORTH VERNON, JENNINGS COUNTY. (Population, Census, 2 915.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
City Bakery	Bakery	2	2			48	Elec						B	Good.
City of North Vernon	School						Steam			1		Ins		
City of North Vernon	Water and light						Steam	1	2			S.D. Ins.	B, H	Good.
†Cone & Stearns	Spokes	19	1			60	Steam	1				S.D., Ins.	A	Good.
* ‡ Co-operative Enterprise Glass Co	Lamp chimneys	136	13	14		48	Steam	2				S.D.,Eng.	A, B	Good.
†Crocker .C. S	Grocery	4	4			60								
Eberts Bros	Flour and feed	12	1			66	Steam	2				S. D.	A	Good.
†German Hotel	Hotel													
Goyert-Vogel Egg & Poultry Co	Butter and eggs	5				60							A, B, C, D.	Good.
†Hicks, Harry	General repairing	10				60	Gas						A	Good.
†Jennings County Telephone Co	Telephone	3	4			54								
*Litchfield Bros	Lumber	29	1			60	Steam	2				S.D., Ins.	H	
†Miller, J. H	Planing mill	9	1			36, 60	Steam	1				S.D., Ins.	A, B, D, H	Good.
†Metropole Hotel	Hotel	8	3											
†North Vernon Box Co	Boxes	15		1		60	Steam	1				S.D., Ins.		
†North Vernon Lumber Co	Lumber	49	1			48, 60	Steam	1				S.D., Ins.	A	Good.
‡North Vernon Sanitary Laundry	Laundry	2					Steam			1		S. D		
†North Vernon Stave Co	Staves	7				60	Steam	1						
†North Vernon & Vernon Telephone Co	Telephones	3	6			54								
†Philbarg Theatre	Moving pictures	2	2			12								
Robinson Machine Co	Repairing	5				60							A, B	Good.
Snider, T. A., Preserve Co	Preserving	64					Steam	2	1			S.D., Ins.		
†Wolf, Gumble & Son	Dry goods, etc	2	6			54								

NORTH WEBSTER, KOSCIUSKO COUNTY. (Population, Census, 200.)

Yellow Bank Hotel	Hotel	2	3			70								

NOTRE DAME, ST. JOSEPH COUNTY. (Population, Census, 1,000.)

St. Mary's Academy	Academy						Steam	6				S.D., Ins.	H	
University of Notre Dame	University						Steam	10				S.D., Ins.	H	

OAKFORD, HOWARD COUNTY. (Population, Census, 100.)

Oakford Grain Elevator Co	Grain elevator						Steam	1				B. M		

OAKLAND CITY, GIBSON COUNTY. (Population, 2,370.)

†Amuzu Theatre	Picture show	2	1			12								
†Aryshire Coal Co	Mining coal	369	1	30		48	S. & E.	9						
Baker, E. H	Flour mill						Steam	1				Ins., S.D.		
†Bugg, T. C., Coal Co	Mining coal	10				40	Steam	2				S. D		
†Deutsch, A. & Bro	Retail grocery	7	2			62, 55								
Downey, Coleman & Co	Saw mill						Steam			1		S. D	H	
McCord & Butcher	Flour mill						Steam	1				Ins., S.D.	H	
‡Model Creamery & Ice Cream Co	Creamery						Steam	1				Eng., S.D.		
‡Oakland City Clay Works	Manufacturing clay products						Steam	1				Ins., S.D.		
†Oakland City Electric Light & Power Co	Light and power	7				77	Steam	3				Ins., S.D.	H	
Oakland City Water Company	Water works						Steam	1				Ins	H	
‡Peacock Coal Co	Mining coal						Steam	3				S. D		
Pioneer Pole & Shaft Co							Steam	3				Ins		
Read, Charles							Steam	1				Eng		
†Redman Hotel	Hotel	1	4			60								

OCKLEY, CARROLL COUNTY. (Population, 175.)

McComas, Hornbeck							Steam	1				Ins	H	

ODON DAVIESS COUNTY. (Population, 1,064.)

†Correll & Burrell	Monuments	6				60	Steam	1				Eng		
Neerimer, W. R	Saw mill						Steam	2				Eng., S.D		
Odon Creamery Association	Creamery						Steam	1				Eng		
Odon Milling Co							Steam	1				Ins		
†Overton Coal Co	Mining coal	15				40								
†Stucky Coal Co	Mining coal	13				48								
Taylor, H. A	Saw mill						Steam	1				Eng		

OLDENBURG, FRANKLIN COUNTY. (Population, 500.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Holtel, Geo. & Co.	Lumber	6				60	Steam	1				Eng		
Sisters of St. Francis							Steam	2				Ins	H	

OOLITIC, LAWRENCE COUNTY. (Population, 1,079.)

Indiana Quarries Co.	Stone quarry						Steam	4	4	25		B.M.,S.D.	H	

ORESTES, MADISON COUNTY. (Population, 420.)

Urmston Grain Co.	Grain elevator						Steam	1				Ins	H	
‡Orestes Packing Co.	Canning factory						Steam	1				S. D.		

ORLAND, STEUBEN COUNTY. (Population, 575.)

Dickson & Vanetta	Rubber vulcanizing						Steam			1		S. D.		
Mill Grove Creamery	Creamery						Steam	1				S. D.		

ORLEANS, ORANGE COUNTY. (Population, 1,367.)

†Bassett, W. H. & Co.	Saw mill	18				54	Steam	1				Ins	H	
*Heise Bros.	Milling, ice, etc.	7	1			60, 54	Steam	2	1			Ins		
†Orleans Cabinet Co.	Manufacturing furniture	33	2			58	Steam	1				Ins	H	

OSCEOLA, ST. JOSEPH COUNTY. (Population, 180.)

Crystal Springs Creamery	Creamery						Steam	1				S. D.	

OSGOOD, RIPLEY COUNTY. (Population, Census, 1,169.)

†Ashman, George	Stone quarry	25				60							
†Cox, G. W	Stone quarry	35				60	Steam	1			Eng		
†Dobson, Harry	Road contractor	20				60							
†McCoy, J. M. & Co	Department store	3	3			72, 54							
†Osgood Limestone Co	Stone quarry	40				60							
†Osgood Lumber Co	Lumber	24				60	Steam	1					
Osgood Municipal Light Plant	Electric light						Steam	2			Ins	H	
Ruoff, Geo. D	Flour mill						Steam	1			Eng		

OSSIAN, WELLS COUNTY. (Population, 661.)

‡Henline, M. S	Feed mill						Steam	1			S. D		
‡Jefferson Township Creamery Co	Creamery						Steam	1			S. D		
*Kreigh Bros	Drain tile	5				60	Steam	1			S. D	H	
†Ossian Lumber Co	Saw mill	14				60							

OTISCO, CLARK COUNTY. (Population, 194.)

†Otisco Canning Co	Canning tomatoes	17	33			54	Steam			1			

OTTERBEIN, BENTON COUNTY. (Population, 652.)

Evans, W. W. & Sons	Grain elevator						Steam	1			Ins	H	
*Glynn & Van Natta	Road contractors	10				60							
‡Lawson Tile Co	Manufacturing drain tile						Steam	1			B.M.,S.D.		
†Otterbein Grain Co	Grain and coal	6				60	Steam	1			Ins	H	

OWENSBURG, GREENE COUNTY. (Population, ——.)

†Smith, Bob	Saw mill	7				60							

PENDLETON, MADISON COUNTY. (Population, 1,293.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Crescent Theatre	Motion pictures	2	1			18								
†Hardy Mfg. Co	Sheet metal	6	1			58, 48								
‡Lee Canning Co	Canning vegetables	8	40			60	Steam	2				S. D.		Good.
‡Phipps, Geo. A	Saw mill						Steam	1				S. D.		
†Taylor & Brown	Planing mill	6				60	Steam	2				S. D.	A.	Good.
Times, The	Newspaper	1	2			54							B.	Good.

PENNVILLE, JAY COUNTY. (Population, 800.)

*McCarty, M. B. & Co	General merchandise	4	2			75								
Paxon, Albert	Saw mill						Steam	1				S. D.		
‡Pennville Milling Co	Flour mill						Steam	1				S. D.	H.	
*Pennville Telephone Co	Telephone	1	4			60								

PERKINS, NEWTON COUNTY. (Population, ——.)

McCray, Morris & Co	Grain elevator						Steam	1				Ins.		

PERRYSVILLE, VERMILLION COUNTY. (Population, 300.)

Carpenter, B. O	Flour mill						Steam	1				Eng.		
Kuhn, Paul & Co	Grain elevator						Steam	1				Ins.	H.	

PERTH, CLAY COUNTY. (Population, 500.)

Eureka Block Coal Co	Coal mining						Steam	1				S. D		
†Snows Mine	Coal mining	5				48								

PERU, MIAMI COUNTY. (Population, Census, 10,910.)

Andres, Joseph							Steam	1				Ins	H	
*Automatic Sealing Vault Co	Manufacturing vaults, etc	5	1			60								
†Bearss Hotel	Hotel	7	15			56	Steam				2	S. D		
†Blue, Sam	Manufacturing cigars	8	2			44								
*Booth Furniture Co	Manufacturing furniture	88	2			60	Steam	2				S. D	H	
†Boston Store	General merchandise	1	9		1	54								
*Brown Commercial Car Co	Manufacturing auto trucks	75	4			55	Steam	2				Ins	B, D, H, K	
†Brownell, C. H	Manufacturing office fixtures, etc	33				55	Steam	2				Ins	H	
†Burke, Michael	Retail clothing	7				60								
†Caffrey, M. & Co	General store	13	12			67	Steam	1				Ins		
†‡Canal Elevator Co	Grain elevator	5				60	Steam	1				Ins., S.D		
†C. & O. Ry. Co. of Indiana	Railroad	358	1	19		48	Steam	2				B. M		
†‡Chute & Butler Co	Manufacturing pianos, etc	49	1	1		55	Steam	2				Ins	A, B, H, J	
City of Peru	Water and light						Steam	3				Ins	B, H	
*Cole, James O	Manufacturing ice	30				60, 84	Steam	3				Ins	H	
†Eisaman & Richer	Saw mill	18		1		69	Steam	1				Ins		
†Falk, Julius	Clothing and furnishings	10		2		67								
†First National Bank	Banking	7	7			48								
†Fisher & Seiler	Bakery	7	1			60								
†Fox Bros. Mfg. Co	Manufacturing muslin underwear	5	70			54							B	
†Glennon & Wendt	Groceries	13	1			54								
†Great Western Auto Co	Manufacturing autos	47	3			48	Steam	1				Ins	A, H	
*Hale, John S	General merchandise	10	15	1	2	64								
Hart, Wm							Steam	2				Ins	H	
Indiana Lighting Co	Light and power						Steam	2	1			Ins., S.D	H	
†Indiana Mfg. Co	Manufacturing refrigerators, etc	65				58	Steam		3			Ins	H	
†Isis Theatre	Picture show	1	2			38, 56								
†Jones, Geo. A. Co	Hardware	5	1			60								
L. E. & W. Ry. Co	Railroad						Steam			2		B. M	H	
†Lyric Theatre	Picture show	1	1			42								
*McCarthy, John S	Retail shoes	7	2			58								
†Meinhardt, Henry	General merchandise	5	6			54								
*Mercer & Co	Bakery	8	2			60					1			
†Miami County Sentinel	Newspaper	4		1		48								
†Miller, Geo. C. & Son	Department store	6	6		2	54, 60								
†Miller, Wallick Press	Job printing	2		2	1	53								
†Model Gas Engine Works	Manufacturing gas engines	97	3			54							A, D	
*Moeck & Redmon Basket Co	Manufacturing baskets	24	8	4	12	55, 45								
†New Tremont Hotel	Hotel	1	1			60								

PERU, MIAMI COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Palace Theatre	Picture show	1	2			40								
†Peru Auto Parts Mfg. Co	Manufacturing autc parts	112	2	1		60, 54	S. & E.	2				Ins., S.D.	H	
†Peru Bakery	Bakery	10	3			60, 54								
†Peru Basket Co	Manufacturing baskets	21	10	3	8	55, 45	Steam	1				Ins., S.D.	H	
*Peru Canning Co	Canning factory	120	120	4	6	60, 55	S. & E.	2				Ins., S. D.	B, H	
Peru Casting & Machine Co	Foundry and machine shop						Steam	2				S. D		
†Peru Chair Co	Manufacturing chairs	65	5	4	1	60, 54	Steam	2				Ins., S.D.	A, B, H	
†Peru Daily Chronicle	Newspaper	6				48								
†Peru Electric Co	Manufacturing electrical supplies	54	10	1	7	55	Steam	2	1			Ins., S.D.	H	
†Peru European Hotel	Hotel	1	1			56								
†Peru Gas Co	Gas	6	2			64, 48	Steam	2				Eng.,Ins.		
†Peru Grocery Co	Wholesale grocery	17	1			60, 48								
*Peru Heating Co	Heating	7	1			54, 48	Steam	1	3			Ins., S.D.	H	
Peru Ice & Cold Storage Co	Manufacturing ice	9					Steam	3				Ins., S.D.		
†Peru Journal	Newspaper	7	1	2		48								
†Peru Mercantile Co	General merchandise	31	30		2	63, 56								
†Peru Milling Co	Flour mill	7	1			60, 48	Steam	1				Ins., S.D.	H	
†Peru Republican	Newspaper	6	1			48								
Peru Steam Laundry	Laundry						Steam	1				S. D		
*Peru Teaming, Storage & Coal Co	Storage, etc	7	1			60, 48								
†Peru Trust Co	Banking	7	5			54								
†Reams Laundry	Laundry	10	10			54	Steam	1				Ins., S.D.		
Sanitary Milk & Ice Cream Co	Creamery						Steam	1				S. D		
†Senger Dry Goods Co	Dry goods	11	26			52	Steam	1				Ins., S.D.		
†Shepler & Parks	Barber shop	6				72								
†Standard Cabinet Mfg. Co	Manufacturing furniture	52	8	2		55	Steam	2				Ins., S.D.	H	
Trustee of City Schools											2	Ins	H	
Unger & Kramer Co	Manufacturing boxes	15					Steam	2				Ins., S.D.	H	
†Victoria Theatre	Picture show	3	2			42								
Wabash Railroad Co	Railroad						Steam	3				B. M.		
†Wabash Valley Trust Co	Banking	6	4			44					1	Ins		
†Wallace Theatre	Theatrical	1												
†Ward & Hughes		6				60								
†Watson Co., The	Manufacturing fly killer	1	7		2	48								
*Wayne Hotel	Hotel	11	4			70								
†Wilkinson & Pomeroy	Planing mill	15				54	Steam	1				S. D		

PETERSBURG, PIKE COUNTY. (Population, 2,170.)

Adkerson, T. F.	Pearl buttons	5				57							A, B	Good.
Basinger & Klipsch	Coal mining						Steam	1				S. D.		
†Cottage Hotel	Hotel													
Farmers Grain & Live Stock Co.	Grain, etc.						Steam			1		Eng.		
Fleming, T. K.							Steam				1	Ins.	H.	
Greer, Wilkinson Lumber Co.	Lumber, etc.	3				54							A, B.	
Hammond, S. P.							Steam	1				Eng.		
Hendricks, J. B.	Tile and cement blocks	3	1			54							B.	
Little, S. W. Coal Co.	Mining coal						Steam	3				S. D.	H.	
Lubs, William	Bakery	3				48							A, B.	
Opera House	Picture show	1	2			18								
Parker Bros.	Bakery	3	1			54							A, B.	
*Petersburg Cooperage Co.	Manufacturing hoops	39	1			60, 48	Steam	2				Ins.		
Petersburg Elect. Lt. Power & Water Works.	Light, power, etc.						Steam	2				Ins., S.D.	H.	
*Petersburg Milling & Grain Co.	Milling and grain	9	1	1	1		Steam	1				Eng., S.D.	H.	
*Petersburg Sanitary Canning Co.	Canning factory	10	30	2	3	56	Steam	1				Ins., S.D.	H.	
*Windy Hill Coal Mine	Coal mine	10				48								

PETROLEUM, WELLS COUNTY. (Population, 300.)

Arnold, Cline & Co.	Grain elevator						Steam	1				S. D.		

PHILADELPHIA, HANCOCK COUNTY. (Population, 182.)

T. H. I. & E. Traction Co.							Steam		5			Ins.	H.	

PIERCETON, KOSCIUSKO COUNTY. (Population, 817.)

‡Bryson, I. N.	Saw mill						Steam	1				S. D.		
Debolt & Niswonger	Grain elevator						Steam	1				S. D.		
†Hotel Leland	Hotel	1	2			70								
‡Lippe, J. P.	Planing mill						Steam	1				S. D.		
Pierceton Water Works	Water works						Steam	2				Ins.	H.	
†Princess Theatre	Picture show	1	2			18								

PINE VILLAGE, WARREN COUNTY. (Population, Census, 352.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Crane, Bowling & Crane	Saw mill						Steam	1				S. D.		
Forden & Cooper	Grain elevator						Steam	1				Ins		

PLAINFIELD, HENDRICKS COUNTY. (Population, 1,303.)

Ellis, Frank & Son	Saw mill						Steam	1				S. D.	H	
Indiana Boys' School	Reform school						Steam	4	2			Ins., S.D.	H	
Plainfield Milling Co	Mill, feed and coal	5				60	Steam	1				S. D.		

PLAINVILLE, DAVIESS COUNTY. (Population, 450.)

Plainville Canning Co	Canning factory						Steam	2				Ins	H	

PLEASANT LAKE, STEUBEN COUNTY. (Population, 550.)

*Goodwin Lumber Co	Manufacturing lumber	15	1			60, 48	Steam	1				Ins		
‡Lennane Bros	Gravel and sand						Steam			2		S. D.		

PLEASANTVILLE, SULLIVAN COUNTY. (Population, 250.)

Gray Eagle Mines	Coal mine	8				48								

PLYMOUTH, MARSHALL COUNTY. (Population, 2,838.)

†Abrasive Mining & Mfg. Co	Repairing abrasives	12				60	Steam	2		3		S. D., Ins.	H	
Anderson, Isaac	Foundry and machine shop	4				54	Steam			1		S. D.	B	Fair.
†Ball & Co	Department store	4	8			65								
†Bogda, Neil Cooperage Co	Manufacturing barrels, etc	20				55	Steam	1				Ins., S.D.	A	Good.
†Bosworth, F. M. Co	General merchandise	2	6			60								
†Clizbe Bros. Mfg. Co	Manufacturing grinding machinery	15		1		60	Steam	1				Ins., S.D.	A, B, H	Fair.
†Democrat, The	Newspaper	4	2			54, 48								Good.
†Edgerton Mfg. Co	Manufacturing baskets	89	20		14	60, 48	Steam	1				Ins., S.D.	H	
Ellis, James E	Manufacturing cigars	3	1			48							B	Good.
†Grand Hotel	Hotel	1	4			42								
†Heinz, H. J. Co	Pickles, catsup, etc	90				60								
Hill, W. W. & Son	Bakery	2	2			54								Good.
Lackey, Harry	Manufacturing cigars	2	1			48							B	Good.
‡Marshall County Court House	Court house						Steam	1				S. D.		
Marshall County Poor Asylum	Poor house						Steam	1				S. D.		
Miehle, Robert & Son	Printing presses						Steam	1				S. D.	A, B, D	Good.
Milner & Grube	Grain elevator	4				60								Good.
Morris, C. L.	Saw mill	20				60	Steam	1				S. D.	H	
Northern Indiana Gas and Electric Co							Steam	3		1		Ins., S.D.	H	
‡Pennsylvania Railway Co	Pumping station						Steam			1		S. D.		
Plymouth Canning Co	Canning factory						Steam	1				B.M., S.D.		
Plymouth City Cigar Co	Manufacturing cigars	2	1			48							B	Good.
Plymouth City Schools	Schools						Steam			2		S.D., Ins.		
†Plymouth Electric Light and Power Co	Light and power	7	2			48	Steam	3				S. D.		
Plymouth Gas Co	Manufacturing gas	2				84	Steam	1				S. D.		Good.
*Plymouth Novelty Manufacturing Co	Manufacturing packing boxes	59	1			48	Steam	2				Ins., S.D.	A	Good.
Plymouth Roller Mill	Flour and feed	2				60								Good.
†Plymouth Steam Laundry	Laundry	3	6			45	Steam	1				S. D.		
Plymouth Water Works	Water works	2				84								Good.
†Republican, The	Newspaper	4	2	1		48, 53								
†Richter & Glass	Dry goods	1	5			54								
†Ross House	Hotel	3	6			84								
*Schlosser Bros	Creamery and produce	266	33			60	Steam	1				Ins., S.D.	B, H	Good.
Swindell, J. & Bro	Cold storage	4				59							B, D	
Vangilder, L. S.	Manufacturing cigars	2	1			48							B	Good.

PORTER, PORTER COUNTY. (Population, Census, 524.)

Busse, E. F.	Feed mill						Steam	1				Eng., S.D.		
Chicago Hydraulic Brick Co	Manufacturing brick						Steam	4				S. D.		
Hydraulic Press Brick Co	Manufacturing brick	100		2		60	Steam	4		2		Ins., S.D.	A, B, H	Good.
Michigan Central Railway Co	Pump station						Steam			1		S. D.		
†Sall Mountain Asbestos Manufacturing Co	Asbestos and roofing material	86	11			60	Steam	3				Ins.		

PORTLAND, JAY COUNTY. (Population, 5,130.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
A. & C. Stone Co.							Steam	3				Ins.	H.	
†‡Adair Hotel Co.	Hotel	5	10			84,65	Steam				1	S. D.		
†Adams, S. H.	Heading and cooperage	80				60	Steam	2				Ins., S.D.	H.	
Artificial Ice Co.	Manufacturing ice						Steam	1				Eng.		
Beard, L. C.	Manufacturing drain tile						Steam			1		S. D.		
†Bimel Spoke and Auto Wheel Co.	Manufacturing spokes and wheels	75		2		60	Steam	1				Ins., S.D.	H.	
*Cartwright & Headington Co.	General merchandise	10	14			60								
City of Portland	Light and water works						Steam	3				Ins., S.D.	H.	
†Cline-Wilt Lumber Co.	Lumber	10				60							C, J.	Fair.
†Commercial-Review Co.	Newspaper	7	2			54							J.	Good.
†Creamery Package Manufacturing Co.	Manufacturing butter tubs	45				54	Steam	1				Ins., S.D.	H.	
Eckman, W. E.	Packing						Steam	1						
†First National Bank	Banking	4	2			48								
†Haynes Milling Co.	Milling and grain	10				72	Steam	1				Ins., S.D.	H.	
†Hood, W. H. Co.	Wholesale grocery	20	1			61,53	Steam	2				Ins., S.D.		
†Jay County Lumber Co.	Lumber	5				60								
*‡Knocker Shirt Co.	Manufacturing shirts, overalls, etc.	10	75			59	S. & E.				1	S. D.	E.	
†Long, J. A. Co.	Produce and junk	10				60								
†Mossler, H. & Sons	Dry goods	6	12			48								
†Muncie and Portland Traction Co.	Traction company	56				63	Steam		2			Ins., S.D.	H.	
North, Frazier & Co.	Lumber						Steam	1				Ins.	H.	
†Perdieu, T. C.	Ice, coal and ice cream	7				72	Steam	2				S. D.		
†Portland Body Works	Manufacturing auto bodies	28				59	S. & E.	1				S. D.	A, D.	Good.
†Portland Drain Tile Co.	Manufacturing drain tile	40	1			60,48	Steam	3				Ins., S.D.	H.	
†Portland Egg Case Co.	Manufacturing egg case fillers	2	3			60								
†Portland Foundry and Machine Co.	Forgings, castings, etc.	35	1			58,44	Elec.							
*Portland Steam Laundry	Laundry	2	6			50	Steam	1				S. D.		
†Reber, M. D.	Manufacturing cigars	5				52								
†Sheller, H. E.	Manufacturing ball bats, etc.	9				59	Elec.							
†Sun, The	Newspaper	8	2			60								
Tomlinson, W. J.	Cider and cane mill						Steam	1				S. D.		
†Weiler Bros.	Department store	16	19			63,56								
†Wheat, Sisk, Rupel, Griffith & Sprinkle	Road and street contractors	25		10		60								

PREBLE, ADAMS COUNTY. (Population, 100.)

Indiana Pipe Line Co.	Pumping station						Steam	10				B. M.		
‡Preble Elevator Co.	Grain elevator						Steam	1				S. D.		
‡Werling, David A.	Saw mill						Steam	1				S. D.		

PRINCETON, GIBSON COUNTY. (Population, 6,448.)

†Clarion Publishing Co.	Printing	7	2	1		48	Elec.							
†Cockrum, J. W., Publishing Co.	Printing	6	4		1	54,60	Elec.							
†Consumers Gas Co.	Gas	5	2			69,48	Steam	1				Ins.	H.	
Gibson County Court House	Court house						Steam	2					H.	
†Gilbert Bros.	General merchandise	5	11			60								
†Grand Theatre	Picture show					30								
†Henneberger Ice and Storage Co.	Manufacturing ice and storage	20				72	Steam	2				Ins., S.D.	H.	
†Hotel Kidd	Hotel	2	7	2		84								
Moore, R. P., Milling Co.	Flour and feed						Steam	1				Ins., S.D.	H.	
†Princeton Canning Co.	Canning tomatoes	10	15			40,60	Steam	1				Ins., S.D.		
†Princeton Coal Co.	Mining coal	179				48	Steam	2				S. D.		
†Princeton Democrat, The	Newspaper	6	2			48								
‡Princeton Gas Co.	Artificial gas						Steam	2				S. D.		
†Princeton Light and Power Co.	Light and power	10				84	Steam	4	2			Ins., S.D.	H.	
†Princeton Milling Co.	Flour and grain	8	2			60,48	Steam	1				Ins., S.D.		
†Princeton Steam Laundry	Laundry	4	10			60,51	Steam	1				Eng.,S.D.	A, B, J.	
Princeton Water and Lighting Co.	Water and light						Steam	2				Ins.		
†Riggs Department Store	General merchandise	10	7			60,54								
†St. Charles Hotel	Hotel	1	3			56								
*Smith & Riggs	Grocery	4	1	2		60,42								
†Southern Railway Co.	Railroading	541				50,54	Steam	5	1			B. M.		
Wesse-Welborn Grain Co.	Grain elevator						Steam	1						
*White, C. W., Lumber Co.	Saw and planing mill	18				54	Steam	2				Ins., S.D.		

PROGRESS, DELAWARE COUNTY. (Population, 50.)

Woodbury & Elliott Grain Co.	Grain elevator						Steam	1				S. D.		

PUTNAMVILLE, PUTNAM COUNTY. (Population, 250.)

Glover, John M.	Saw mill						Steam			1		S. D.		

RAUB, BENTON COUNTY. (Population, Census, 258.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Kirkpatrick Bros.	Grain elevator						Steam	1				S. D.	H.	
Raub Grain Co.	Grain elevator						Steam	1				Ins.		

REDKEY, JAY COUNTY. (Population, Census, 1,714.)

†Ayres Lumber Co.	Retail lumber	8	1			60								
‡Redkey Brick and Tile Co.	Brick and tile						Steam	1				S. D.	H.	
††Reynolds, W. M.	Saw mill	20					Steam	1				S. D.	H.	

REMINGTON, JASPER COUNTY. (Population,. Census, 982.)

‡Barnes, L. M.	Light and power	1					Steam	2				Ins., S.D.	H.	
Kelley, Frank, Grain Co.	Grain elevator						Steam	1				Ins.	H.	
†Remington Farmers' Elevator Co.	Grain elevator	5				60	Steam	1				Ins.	H.	

RENSSELAER, JASPER COUNTY. (Population, Census, 2,392.)

City of Rensselaer	Water works						Steam	3				Ins.	H.	
†Jasper County Telephone Co.	Telephone	3	14			60								
*Makever Hotel	Hotel	3	6			84								
†Murray, C. E. Co.	Department store	8	2			48, 60								
River Queen Mill Co.	Flour mill						Steam	1				B. M.		
†Rowles & Parker	General store	5	3			60, 72								
Warren, J. N.	Tile						Steam	1				S.D., B.M.		

REYNOLDS, WHITE COUNTY. (Population, Census, 377.)

Crabbs-Reynolds-Taylor Co.	Grain elevator						Steam	1				Ins.	H	

RICHMOND, WAYNE COUNTY. (Population, Census, 22,324.)

†American Seeding Machine Co.	Seed machines	658	21			46,50	Steam		3			Ins.	H	
Arlington Hotel Co.	Hotel						Steam	1				Ins.	H	
†Arnold, Sam'l G.	Bakery	5	4	1										
†Ballinger, G. O. Co.	Printing, etc.	6	2	2	1	48								
†Bartel, Adam H.	Dry goods, etc.	40	110			48,56	Steam	1				Ins.	H	
†Bayer, John C.	Bakery	14	1			54,63								
†Beebe Glove Co.	Gloves	5	27	5	8	50,55								
†Brehm, Mrs. C. A.	Millinery		8			57								
†Champion Roller Milling Co.	Flour mill	9				60	Steam	1				Ins.	H	
City of Richmond	Schools						Steam	8				Ins.	H	
†City Restaurant	Restaurant	12	3			56,84								
†Clendenin & Co.	Tannery	7	1			45,60	Steam	2				Ins.	H	
*Coe, J. M., Printing Co.	Printing	12	1		1	48,54	Elec.							
Comstock, D. W.	Office building										1	Ins.	H	
Commissioners of Wayne County	Infirmary						Steam			1		Ins.	H	
†Cooper, Edward L.	Grocery	5				60								
†Craighead Plumbing Co.	Plumbing	19	1			48	Elec.							
†Davis, Geo. W., Motor Car Co.	Autos	54	6			58	E. & S.	1				Ins.	E, H	Good
†Dickinson Trust Co.	Trust company	6	3			44								
†Dille & McGuire Manufacturing Co.	Lawn mowers	129	1			45,55	Steam	1				Ins.	H	
Earlham College	College						Steam	4		1		Ins.	H	
Eastern Indiana Hospital for Insane	Hospital						Steam	2	6			Ins.	H	
†Eggemeyer, J. M. & Sons	Grocery	14	3			60,68								
†Elliott & Reid Co.	Wire fencing	75				60								
†Engelbert, H. H.	Cigars	5				48								
†European Hotel	Hotel													
†F. & N. Lawn Mower Co., The	Lawn mowers	79	4			48,60	Steam	1				Ins.	H	
†First National Bank	Banking	9				48								
‡Foster Construction Co.	Stone quarries	15					Steam	1				S. D.		
†Fry Bros. Manufacturing Co.	Planing mill	15				55								
†Gall Cure Collar Pad Co.	Collar pads	1	7			55								
†Gennett Theatre	Theatrical													
†Great Central Tea Co.	Teas and coffees	9	1			44,60	Elec.							
†Grubbs, John W. Co.	Wholesale grocer	12				60								
†Harrington, John J.	Saddlery	7	1			60								
†Hasemeier, H. C. Co.	Dry goods	6	17		1	53								
†Hasty, M. A.	Confectionery	3	3			60								
†Hayes Track Appliance Co.	Railroad supplies	38	5			51,60								
Hill, E. G. & Co.							Steam	5				Ins.	H	
†Holzapfel, Henry & Sons	Scrap iron	10				54	Steam	1				Ins.		
†Hoosier Mercantile Co.	Department store	9	7	1	2	64,65								

RICHMOND, WAYNE COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Howard, I. R. & Co.	Wholesale grocer	12				60								
†Hutton, J. M. & Co.	Caskets	63	7			60	Steam	1				Ins		
Independent Ice and Fuel Co	Ice and fuel						Steam	2				Ins	H	
†Item Newspaper Co.	Newspaper	25	4	2		48	Steam			1		Ins		
†Johanning, Chas.	Plumbing, etc.	8	1			48,54								
†Johnson, Peter Co., The	Hardware	7	1			48,60								
†Johnson, W. N.	Auto parts	10				51	Elec.							
†Jones Hardware Co.	Hardware	40	10	2		54,62								
†Kielhorn Millinery Co.	Millinery		10			60								
Kingman & McAfee							Steam	1				Ins		
†Klein, Geo. L. Co.	Hotel Grand		2			60	Steam	1				Ins	H	
*Klein, Geo. L. Co.	Saloon and billiards	7				60								
†Knollenberg, Geo. H. Co., The	Department store	18	40	4	6	54,60	E. & S.	1				Ins	H	Good
†Kramer, C. & W. Co.	Lumber	32	1			45,55	Steam	2				Ins	H	
†Lemon, Fred H. & Co.	Florist	14	2			60	Steam	1				Ins	H	
Louck & Hill	Planing mill						Steam	1				Ins	H	
Maher Meat Market	Meat market	3				60							A, B	Good
Marmon, Elizabeth C.							Steam	1				Ins		
*Mather Bros. Co.	Coal, lumber, etc.	34	1			50,55								
†McConaha Co., The	Merchandise	7	2			48,60								
†McLeland, H. V. & Co	Liquors, etc.	8												
*Meerhoff, H. H.	Plumbing, etc.	9				54								
†Menke, J. H.	Coal, etc.	10				60								
†Miller Bros. Hardware Co.	Hardware	39				60								
†Miller, Glen, Transfer Co.	Transfer	15	1			60								
†Miller-Kemper Co.	Contractors	75	1			52,60								
†Minck Brewing Co.	Brewery	20				54	Steam	2				Ins	H	
†Monarch Laundry	Laundry	6	19			50,54	Steam							
Municipal Electric Lighting and Power Co.	Light and power						Steam		4			Ins		
†Murray Theatre	Moving pictures	11	2			27								
†Murrette Theatre	Moving pictures	4	2			36								
†National Automatic Tool Co., The	Drilling machines	44	1			54	Elec.						A	Good
†Neff & Nusbaum	Books and shoes	8				60								
†Nicholson Printing and Manufacturing Co.	Printing, etc.	22	10			48,54	Elec.							

†Noelk's Bakery	Bakery		6			48								
†Nolder, Nora M.	Millinery		6			60								
†Nusbaum, Lee B. Co.	Dry goods	4	19			52,58								
*Oakland Wine Co.	Wines and liquors	5				60								
†Palladium Printing Co.	Printing and publishing	27	3			48	Elec.							
†Palais Royal	Ready-to-wear garments	2	13			54								
†Pilot Motor Car Co.	Automobiles	61	4			55	Elec.							
†Quaker City Machine Co.	Ventilating apparatus	6				55	Elec.							
†Reed, Irvin & Son	Hardware	6	1			60								
Reid Memorial Hospital	Hospital						Steam			2	2	Ins.	H.	
†Richmond Baking Co.	Bakery	50	27	10		60	Steam	1				Ins.	H.	
†Richmond Candy Co.	Confectionery	10	12			60	Elec.							Good.
*Richmond Casket Co.	Caskets	70	24			59	Steam	1				Ins.	H.	
†Richmond Chair Co.	Chairs	14				53	Steam	1				Ins.	H.	
†Richmond City Water Works	Water	48	2			45,60	Steam	3				Ins.	H.	
†Richmond Furniture Manufacturing Co.	Furniture	25	2			60	Steam	1				Ins.	A, H.	Good.
†Richmond Handle Manufacturing Co.	"D" handles	11				50	Steam	1				Ins.	H.	
†Richmond Light, Heat and Power Co.	Light and power	65	6			58½60	Steam	1	4			Ins.	H.	
†Richmond Home Telephone Co.	Telephone	24	14			72								
†Richmond Roller Mills and Elevator	Flour mill	8				60								
†Richmond Safety Gate Co.	Safety gates	23	2			48,58	Steam	1				Ins.	H.	
‖†Richmond Steam Laundry	Laundry	4	13			54,60	Steam	1				Ins.		
†Richmond Underwear Co.	Underwear	40	160			55,56	Steam	2				Ins.	H.	
†Robinson & Co.	Threshing engines	150				57	Steam	2				Ins.	H.	
†Romey Furniture Co.	Furniture	9				63								
Rumely, M. Co.	Threshing engines						Steam	4	2			Ins.	H.	
St. Andrews Catholic Church	Church						Steam			2		Ins.	H.	
†Schultz & Laning	Tinners	7				54								
†Second National Bank	Banking	13	2			48								
†Seidel Buggy Co.	Vehicles	48	2			60	Elec.							
†Shofer, Harmon	Livery	6				70								
†Shurley's Livery	Livery	8												
†Smith, J. E.	Contractor	20				60								
*Standard Merchandise Co.	General merchandise	4	3			60								
†Starr Piano Co.	Musical instruments	610	64			60	Steam	2	4			Ins.	H.	
†Stolle, Anton & Sons	Packing house	15	1			50,60	Steam	1				Ins.	H.	
Terre Haute, Indianapolis and Eastern Traction Co.	Power house						Steam		3			Ins.	H.	
Union Ice Co.	Ice						Steam	2				Ins.	H.	
*Union National Bank	Banking	6				48								
†Watt & Keelor	Caskets, etc.	25	9		2	56,60	Steam	1				Ins.	H.	
†Wayne Works	Autos, etc.	340	10			48,58	Steam		3					
Westcott Hotel	Hotel						Steam	2				Ins.	H.	
†Westcott Motor Car Co.	Automobiles	94	6			50,58	Elec.							
‡Williams, H. E.	Saw mill	4					Steam	1				S. D.	H.	
†Youngflesh & Malsby	Merchant tailor	3	4	1										
‖Y. M. C. A.	Y. M. C. A.						Steam	2				Ins.	H.	
Zeller & Walters Co.							Steam	1				Ins.		

RIDGEVILLE, RANDOLPH COUNTY. (Population, Census, 1,302.)

Name or Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
A. & C. Stone and Lime Co.	Crushed stone						Steam	2		2		S.D., Ins.	H	
Brown, W. C.	Flour mill						Steam	1				S. D.	H	
†Lay, Joseph Co.	Brooms and brushes	30	10	6	14	54,59	Steam	4				S.D., Ins.	H	
‡McFadden, D. G. & Co.	Grain elevator						Steam	1				S. D.		
Miller & Hinton	Grain elevator						Steam	1				S. D.	H	
Ridgeville Brick and Tile Co.	Brick and tile	14					Steam	1				S. D.		
‡Stewart, John W.	Saw mill	8					Steam	1				S.D.,Eng.		
‡Veith Bros.	Grain elevator						Steam	1				S. D.		

RISING SUN, OHIO COUNTY. (Population, Census, 1,513.)

Dalrymple, Joseph	Flour mill						Steam	1				Ins.	H	
†Gibson, G. B. Sons	Hardware, etc.	6	1			54,60								
†Ohio River Telephone Co.	Telephone	5	14			48,60								
Rising Sun Water and Light Co.	Water and light						Steam	2				Ins.		
Whitlock, J. W. & Co.	Automatic harps						Steam	1				Ins.	H	

RIVERSIDE, FOUNTAIN COUNTY. (Population, Census, 50.)

Crabbs-Reynolds-Taylor Co.	Grain elevator						Steam	1				Ins.	H	

ROACHDALE, PUTNAM COUNTY. (Population, Census, 849.)

†Hammond & Scholler	Hardwood lumber	15				60								
†Higgins Hotel	Hotel	2												
†Inman Hotel	Hotel	4												

Lockridge, Albert C.	Elevator and flour	2					Steam	1				S.D., Ins.	H.	
†Putnam Veneer and Lumber Co.	Sawed veneer	21	1			50,60	Steam	2				S.D., Ins.	A, H.	Good.
Roachdale Electric Light and Power Co.	Light and power	1					Steam	1				S.D., Ins.	H.	

ROANN, WABASH COUNTY. (Population, Census, 447.)

Lewis, T. J. & Bro.	Saw mill	4					Steam	1				S. D.	H.	
†Roann Telephone Co.	Telephone	1	4			54								

ROANOKE, HUNTINGTON COUNTY. (Population, Census, 699.)

†Richards, E. E. & Son	General store	5	3			72								
Roanoke Creamery Co.	Creamery	1					Steam	1				S. D.		
†Roanoke Drain Tile Co.	Drain tile	14				60	Steam	1				S. D.	H.	
†Roanoke Telephone Co.	Telephone	2	4			48,60								
†Wasmuth, A. & Sons Co.	Hardware, etc.	15	1			55,72								

ROBERTSDALE, LAKE COUNTY. (Population, Census, —.)

†Berg, Fred	Hotel	4	2			48								

ROBY, LAKE COUNTY. (Population, Census, 300.)

†American Maize Products Co.	Corn products	294	3			60,72	Steam		8			S.D., Ins.	H.	
Preble Machine Works	Foundry and machine	25					Steam	2				S. D.,Ins.	A, H.	Good.

ROCHESTER, FULTON COUNTY. (Population, Census, 3,364.)

†Academy of Music	Music hall													
†Allman, Solomon	Clothing	4	1			60								
American Bakery	Bakery	2				72							A,B,C,F,G.	Bad.
†American Cafe	Restaurant	4	4			84								
Anchor Milling Co.	Flour mill	3					Steam	1				S. D.	H.	

ROCHESTER, FULTON COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Beyer Bros. Co	Creamery	56	8			54,60								Good.
Bolter, A. H	Flour mill	2					Steam	1				S.D.,Eng.	B, H	Good.
Chamberlain, A. B	Manufacturing cigars	1	2			48							B, C	Fair.
City of Rochester	Water						Steam	2				Ins	B	Good.
†Daily and Weekly Republican	Newspaper	2	3			50								Good.
Erie Elevator	Grain elevator	2				59							A	Good.
Fulton County Court House	Court house						Steam	1				B, M		
Gillen, R. K	Manufacturing cigars	2	1			48							B	Good.
†Grand Hotel	Hotel	3				56								
Hall & Son	Manufacturing cigars	2	1			48							B	Good.
†Hetzner, Fred	Manufacturing cigars	3	2			48							B	Good.
Hoover, C. C	Manufacturing cigars	1	2			48							B	Good.
†Hotel Arlington	Hotel	3	8											
†Hughes, A. D. Co	Milling machinery	4	2	2		48,54								
†Karn, Oren I	Restaurant	6	2			70								
Leonard, C. V	Manufacturing cigars	1	1			48								Good.
†My Show	Picture show	1	3			16								
†Progress Wholesale Grocery Co	Grocery	4	4			48								
†Rochester Baking Co	Bakery	5				60	Elec						B, G	Good.
†Rochester Bridge Co	Structural iron	90	3			60	Steam	1				S.D., Ins	H	
Rochester Canning Co	Cannery	170	30				Steam	2				S.D., Ins		
†‡Rochester Electric Light, Heat & Power Co.	Light and power	10	2			60	Steam	2	2			S.D., Ins	A, B, H	Good.
†Rochester Gas and Fuel Co	Gas and fuel	6	1			48,60	Steam	1				S. D	B, H	Good.
†Rochester Garage and Machine Co	Garage and machine shop	3	1	1		48,60								
Rochester Ice Cream Co	Ice cream	2				63								Good.
Rochester Sentinel	Printing and publishing	8	1			54							A	Good.
†Rochester Steam Laundry	Laundry	2	5			54	Steam	1				S.D., Ins	A, H	Good.
†Rochester Telephone Co	Telephone	4	9			48,54								
Ross Bros	Foundry and machine	8				60							A, B	Fair.
Siegfried, J. M	Bakery	2				66							B	Good.
Smith Manufacturing Co	Planing mill	4				54								Good.
†Van Trump Co., The	Printing and publishing	9				54							B, C, L	Good.

ROCKPORT, SPENCER COUNTY. (Population, Census, 2,736.)

†Basye, T. C	Drugs, etc	7	2			60,54								
†Baum, J. G	Dry goods and clothing	2	4			72								
†Eigeman Ice Co	Manufacturing ice	10				60	Steam	2				Ins	H	
†Halbruge, C. W. Co., The	General merchandise	7	3			54								
Lloyd, B. B	Saw mill	4				60							A, B, H	Good.
†New Veranda Hotel	Hotel and bar	4	4			50								
Ray, Jeff & Son	Feed mill	4				60							A, B, D	Good.
Rockport Drain Tile Co	Manufacturing drain tile	35				60	Steam	2				Ins		
Rockport Journal	Newspaper	3	1			59							A, B, C	Good.
†Rockport Milling Co	Flour mill	7				60	Steam	1				Ins	H	
†Rockport Pearl Button Co	Manufacturing button blanks	74	1			60,50	Steam	1				Ins	A, B, H	Good.
†Rockport Water Works Co	Water, light and power	7	1			60,48	Steam	1	2			Eng.,S.D.	D	Good.
†Underhill Brick and Tile Co	Manufacturing brick and tile	20				60	Steam	1				Ins	H	
United Box Board Co	Manufacturing boxboard						Steam	4				Ins	H	
Walker, J. H	Groceries, etc	4	1			72,54								

ROCKVILLE, PARKE COUNTY. (Population, 1,943.)

†Dooley Hardware Co	Hardware, etc	6	1			59								
†Ferguson Lumber Co	Lumber	20				50	Steam	1				Ins	H	
†Harrison, W. P. & Sons	Coal mining	9				48	Steam	1	1			S. D		
Indiana Tuberculosis Hospital	Hospital						Steam	2				Ins	H	
†Moore, Robert E	Coal mining	8				48								
†Parke County Telephone Co	Telephone service	5	19			54								
†Parke State Bank	Banking	7	1			54,48								
Rockville Electric Light and Water Works	Electric light and water						Steam	4				Ins	H	
†Rockville National Bank	Banking	4	1			54								
†Rohm Bros	Milling and grain	7				66	Steam	1				Ins	H	
†Whipple Dry Goods Co	Dry goods	4	6			60,57								

ROLLING PRAIRIE, LA PORTE COUNTY. (Population, Census, 446.)

Interlaken School	School						Steam			1		Ins	H	
Lily White Merchant Mill	Flour and feed	3					Steam	1				S. D	H	
Redington & Morgan	Flour mill	4					Steam	1				S.D.,Eng.		

ROME CITY, NOBLE COUNTY. (Population, Census, 436.)

Kneipp Sanitarium	Sanitarium						Steam	2				Ins., S.D.		

ROMNEY, TIPPECANOE COUNTY. (Population, Census, 216.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Simson, D. P. Co							Steam	1				Ins	H	

ROSEDALE, PARKE COUNTY. (Population, Census, 1,166.)

††Parke County Coal Co	Mining coal	383		5		48	Steam	6				S.D., Ins.	H	

ROSSTON, BOONE COUNTY. (Population, Census, 100.)

Merritt & English	Flour mill	2					Steam	1				S.D., Ins.	H	

ROYAL CENTER, CASS COUNTY. (Population, Census, 909.)

Royal Center Electric Light Co	Lighting	2					Steam	1				S.D., Ins.	H	
Sweet, W. G	Grain elevator	4					Steam	1				S.D., Ins.	H	

ROYALTON, BOONE COUNTY. (Population, Census, 149.)

Herdrick Bros	Saw mill						Steam	1				Ins	H	

RUSHVILLE, RUSH COUNTY. (Population, Census, 4,925.)

†Allen, L. L.	Grocery	4	1	2		60								
†Arbuckle & Co.	Manufacturing clay working machinery	10		1		59								
‡Ball & Orme	Elevator						Steam	1				S.D.,Eng.		
†Case, J. D.	Planing mill	21	1			48,54	Steam	1				Ins.	A, H.	
City of Rushville	Water, light, etc						Steam		3			Ins.	H.	
City of Rushville	School						Steam	2				Ins.	H.	
*Davis Bros.	Livery	5												
†Francis, Chas. E.	Glue machinery	21				60	S. & E.	1				Ins.	H.	
†Guffin Dry Goods Co.	Dry goods	1	5			57								
Hinkle, C. W. & Co.	Grain and seed	3				60	Steam						A.	Good.
Indianapolis and Cincinnati Traction Co.	Power house						Steam		8			Ins.	H.	
†Innis, Pearce & Co.	Furniture and ice	170	1			48,60	Steam	4				Ins.	H.	
Jacksonian, The	Printing	5				48							A.	Fair.
†Jones, R. H.	Novelties	3	4	2		52,66								
†Kennedy & Casady	Dry goods	3	6			57,63								
Mauzy, C. A.	Dry goods	5	6			64							E.	Good.
†Park Furniture Co.	Furniture	92	1	2		30,60	Steam	2				Ins.	H.	
†Peoples National Bank	Banking	6				48								
†Pinnell-Tompkins Lumber Co.	Planing mill	19				60	Steam	1				Ins.	H.	
†Republican Co., The	Printing and publishing	9	6			52,59	Gas							
†Reynolds & Clifford	Manufacturing lumber	40				60	Steam	1				Ins.		
†Rush County National Bank	Banking	5				48								
†Rushville American	Printer and publisher	1	4			60								
†Rushville Co-operative Telephone Co.	Telephone	5	8			60								
†Rushville Furniture Co.	Furniture	60				60	Steam	1				Ins.	H.	
†Rushville Glove Co.	Gloves	2	37		2	49	Gas							
†Rushville Laundry	Laundry	5	9			53,55	Steam	1				Ins.	H.	
†Rushville National Bank	Banking	4	1			60								
†Windsor Hotel	Hotel	5	8											
†Wingerter, George	Manufacturing cigars	8		1	1	48								

RUSSELLVILLE, PUTNAM COUNTY. (Population, Census, 443.)

‡Clark, J. S.	Saw mill	6					Steam	1				S. D.	H.	
‡Hargrave Bros.	Feed mill	1					Steam	1				S. D.	H.	

RUSSIAVILLE, HOWARD COUNTY. (Population, Census, 603.)

†Cunningham, Richard	Tile and saw mill	4					Steam	1				B.M.,S.D.	H.	
‡Daisy Mills	Flour mill	2					Steam	1				S. D.	H.	
‡Hollingsworth, S. B.	Saw mill	3					Steam	1				S. D.	H.	
‡Unger, Dave & Son	Elevator	2					Steam	1				S. D.	H.	

ST. JOE, DEKALB COUNTY. (Population, Census, 391.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Hathaway, H. C.	Bakery	2				60							B	Good.
St. Joe Milling Co.	Flour mill	3				63	Steam	1				S. D.	A, B	Good.
St. Joe News	Newspaper	1	1			54							B	Good.

ST. MARYS, VIGO COUNTY. (Population, 175.)

Sisters of Providence	Girls' college						Steam	1	4			Ins.	H	

ST. PAUL, DECATUR COUNTY. (Population, 1,050.)

Greely Stone Co.	Stone quarry						Steam	2		1		Ins.	H	
McAuliffe, J. M.	Stone quarry						Steam			2		Eng.		

SALAMONIA, JAY COUNTY. (Population, 169.)

Pfeifer & Berger	Saw mill						Steam	1				S. D.		

SALEM, WASHINGTON COUNTY. (Population, 2,283.)

†Babb's Hotel	Hotel	1	3			70								
Bellows Bros.	Garage and repairs	4				60							B	Good.
Crim, C. M. & Son	Saw mill						Steam	1				Ins.		
Ewing, D. H. & Son	Creamery						Steam			1		Eng.		

†Gore, Denny	Manufacturing ice and grocery	15	3			60,84	Steam	1				Eng	B, D, H	Good.
†Hauger, W. J. & Co	Hardware, etc	7	1			60								
†Hoosier Telephone Co	Telephone service	7	18			54,48								
†McCowen, H. A. & Co		39	2			60								
McCowen, Probst & Menaugh	Plumbing ware						Steam	1				Ins	H	
Middle West Utilities Co	Electric light and artificial ice						Steam	2				Ins		
Salem Democrat	Newspaper	2	3		1	54							B	Good.
Salem Farmers' Milling Co	Flour mill						Steam	1				Ins		
Salem Hardwood Lumber Co	Lumber						Steam	1				Ins	H	
†Salem Milling Co	Flour mill	6	1			60	Steam	1				Ins	H	
†Stout Furniture Co	Manufacturing furniture	170	2	4		59,50	S. & E.	2				Ins		
†Stout-Mehornay-Duckwall Co	Manufacturing cabinets	87		3		59								
†Three M's Cash Grocery Co	Grocery	7				60								
†Union Cement and Lime Co	Manufacturing lime	20				60								
*Union Spoke and Bending Co	Manufacturing spokes	12				59	Steam	1				Ins		
Watson, W. S	Bakery	3	1			54							B	Good.
SANDBORN, KNOX COUNTY. (Population, 445.)														
Gross, L. J	Flour and feed						Steam	1				Ins		
SANDERS, MONROE COUNTY. (Population, 75.)														
Reed Stone Co., The							Steam			4		Ins	H	
SARATOGA, RANDOLPH COUNTY. (Population, 410.)														
Fields, E. A	Saw mill						Steam	1				S. D		
Owens, J. W	Grain elevator						Steam	1				S.D., Ins		
Warren-Harshman Canning Co	Canning vegetables						Steam	2				Ins		
SARDINIA, DECATUR COUNTY. (Population, 175.)														
Claypool, Geo. M	Grain elevator						Steam	1				Ins		
SCHNELLVILLE, DUBOIS COUNTY. (Population, 300.)														
Schnell, Joseph	Flour mill						Steam	1				B, M		

SCHNEIDER, LAKE COUNTY. (Population 50.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Prairie State Grain and Elevator Co.							Steam	2				Ins.	H	

SCIRCLEVILLE, CLINTON COUNTY. (Population, Census, 300.)

Scircleville Grain Co.	Grain elevator						Steam	1				Ins.	H	

SCOTTSBURG, SCOTT COUNTY. (Population, 1,669.)

Indianapolis and Louisville Traction Co.	Power and repair	19	2			60	Steam		4			Ins.	A, B, H	Good.
Prosser Clay	Planing mill						Steam	1				Eng.		
†Scenic Theatre	Picture show	3				12								
Scott County Journal	Newspaper	1	1			54							B	Good.
*Scott County Telephone Co.	Telephone	3	3			60								
†Scottsburg Canning Co.	Canning fruits	100	100	10	20	48	Steam	2				Ins.	H	
Scottsburg Elevator Co.	Grain elevator	2				72	Elec.						D	Good.
†Scottsburg Hotel	Hotel	1	2			80								
†Scottsburg Milling Co.	Flour mill	7				60	Steam	1				Ins.	H	
Thomas, E. J.	Saw mill						Steam	1				Eng.		
Wyman, D. W. & Son	Drain tile						Steam	1				Eng.		

SEAFIELD, WHITE COUNTY. (Population, 75.)

‡Klopfenstine, M. J.	Cider mill						Steam	1				S. D.		
Schlademan Bros.							Steam	1				Eng.		
‡Seafield Drain Tile Co.	Drain tile						Steam	1				S. D.		

SEDALIA, CLINTON COUNTY. (Population, 300.)

Hufford, Marvin S							Steam	1				Ins	H	

SEELYVILLE, VIGO COUNTY. (Population, Census, 1 188.)

‡Vandalia Coal Co	Coal mining						Steam	7				S. D		

SELLERSBURG, CLARK COUNTY. (Population, 676.)

Louisville Cement Co	Manufacturing lime and cement	443	1			48,60	S. & E	21						

SEYMOUR, JACKSON COUNTY. (Population, 6,305.)

†Ahlbrand Carriage Co	Manufacturing buggies	60	4			60,54	Steam	2				Ins	H	
Anderson, G. H	Feed mill	4				60	Elec						A, D	Good
Barkman & Cunningham							Steam	1				Ins	H	
†Bevins, W. C	Plumbing	8				54								
†Blish Milling Co	Flour mill	37	1			60	Steam		2			Ins	A, B, D, H	Good
Buehner, R. F	Auto repairs	3				60	Elec						B, D	Good
†Carlson, N. M	Lumber	8		1		59	Steam	1				Eng	H	
†Central Pharmacal Co	Physicians' supplies	10	3			60,42	S. & E			1		Ins	A, C	Good
†Cordes Hardware Co	Hardware	9	1			60,48								
Daily Democrat, The	Newspaper	4				54	Elec						A, B	Good
†D'Heur & Swain Lumber Co	Saw mill	30				60	Steam	2				Ins	A, B, H	Good
†Domestic Steam Laundry	Laundry	5	9		2	55	Steam	1					A, B	Good
Ebner Ice and Cold Storage Co	Ice, etc	12	1			60	Steam	3				Ins	A,B,D,H	Good
†First National Bank, The	Banking	5				48								
Gem Bakery, The	Bakery	2				48							B	Good
*Gold Mine Dry Goods Co	Department store	8	20			57								
†Graessle-Mercer Co	Printing	10	12	1	4	59	S. & E	1				S. D		
Greeman, L. F. Co	Furniture	65	2			60	Steam	2				Ins	A, F	Good
Groub, John C. Co	Wholesale grocer	12	2			60,48								
†Hamer, J. M	Coal, etc	5				60								
†Hide and Leather Co	Manufacturing harness	9	1	2		60								
†Hoadley, Wm. E	Grocery	4	1			72,45								
†Hodapp Hominy Co	Hominy	10				60	S. & E	1				Ins	A, D	Good
†Hoosier Harness Co	Manufacturing harness	20				58	Elec						A, B	Good
†Interstate Public Service Co	Manufacturing gas and electricity	13	1			60	Steam		2			Ins	A, B, H	Good
*New Lynn Hotel	Hotel	6	9			56								
†Niemeyer, Henry	Contractor	5				54								

SEYMOUR, JACKSON COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Sauer, Charles	Cooperage	5				48								
Seymour Canning Co	Canning fruits						Steam	2				Ins	H	
†Seymour Chair Co	Manufacturing chairs	15	4	4		55	Steam	1				Eng		
Seymour Ice Cream Co	Ice cream	8	1			60							A, G	Good.
†Seymour Manufacturing Co	Implements	90	3			60	Steam	2				Ins	A, D, F, H	Good.
†Seymour Mutual Telephone Co	Telephone	3	15			54								
†Seymour Planing Mill Co	Planing mill	5				60	Elec						A, B	Good.
Seymour Republican	Newspaper	6	5	1		60							B	Good.
†Seymour Staple Cement Post Co	Cement posts	5				54							B	Good.
Seymour Water Co	Pumping station						Steam	3				Ins	H	
*Seymour Wood Working Co	Manufacturing chairs	23		1		60	Steam	1				Ins	A, B, H	Good.
*Seymour Woolen Factory	Blankets, etc	48	98	14	14	60	Steam	4				Ins	A, B, D, H	Good.
Shields, A. D	Corn products	3				60	Elec						A, B, D	Good.
Standfield & Carlson	Saw mill	10				60	Steam	1					A, B, C	Fair.
†Star Bakery	Bakery	4		1		50								
†Travis-Carter Co., The	Planing mill	20				54	Steam	1				Ins	A, F, H	Fair.
†Union Hardware Co	Hardware	7	1			60								

SHARPSVILLE, TIPTON COUNTY. (Population, Census, 550.)

Batchelor-Barlow & Batchelor	Flour and feed						Steam	1				Ins		
†Sharpsville Canning Co	Canning fruits	20	30			60	Steam	2				Ins		

SHELBURN, SULLIVAN COUNTY. (Population, 2,055.)

†Arcade Theatre	Motion pictures	2				15								
*Central Mutual Telephone Co	Telephone	2	3			54								
Dering Coal Co	Coal mining						Steam	6				S.D., Ins	H	
Jackson Hill Coal Co	Coal mining						Steam	4				S. D		

Kettle Creek Mining Co	Coal mining						Steam	3				S.D.,Eng.		
Monon Coal Co	Coal mining						Steam	13				Ins., S.D.		
*Old Shelburn Coal Co	Coal mining	130		6		48	Steam	3				S.D., Ins.		
†Peabody Alwart Coal and Mining Co	Coal mining	145				48	Steam	2				S.D., Ins.		
Riggs Clay Products Co	Tile and brick	17				54	Steam	1				Ins., S.D.	B, H	Good.
†Sebring's Opera House	Theatrical	1	1			18								
†Shelburn Theatre	Motion pictures	1	1			18								

SHELBYVILLE, SHELBY COUNTY. (Population, 9,500.)

†Albert Furniture Co	Manufacturing furniture	70				60	Steam	2				Ins.	A, H	Good.
*Billman, C. H. & Sons	Grain, etc	11				60	S. & E.		1			Ins.		
†Blanchard-Hamilton Furniture Co	Manufacturing furniture	89	1			60	S. & E.	2				S.D., Ins.	A, H	Good.
†Campbell, C. H., Furniture Co	Manufacturing furniture	90				58	S. & E.	2				Ins.	H	Good.
Chambers Manufacturing Co	Gas ranges	14				55	Elec.							Good.
†Cobb, John, Chair Co., The	Chairs	7	1			60								
†Conrey, D. L., Furniture Co	Manufacturing furniture	39	1			60,48	S. & E.	2				Ins.	H	Good.
†Conrey & Davis Manufacturing Co	Manufacturing furniture	92	3			60,48	S. & E.	2				Ins.	A, H	Good.
†Danziger Furniture Co	Manufacturing furniture	75				60	Steam	2				Ins.	A, H	Good.
†Davis-Birely Table Co	Manufacturing furniture	302	4			60	S. & E.	1	2			Ins.		
*DePrez, Daniel, Manufacturing Co	Manufacturing ice	15		2		60,72	Steam	1	2	1		Ins.	H	
†DePrez, J. G. Co	Hardware, etc	12	3	1	1	66								
Dorsey, Olive	Heat and light						Steam			2		Ins.	H	
†First National Bank, The	Banking	8				42								
Frechtling & Mormer	Planing mill						Steam	3				Ins.	H	
†Hilligoss & Son	Coal, etc	11	2			48								
†Hodell Furniture Co., The	Manufacturing furniture	138	2			60,48	Steam	2				Ins.	A, H	Good.
†Hord Sanitarium	Sanitarium	4	5			60								
†Hoover, Louis	Clothing	6	1			60								
*Hotel Ray	Hotel	5	10			84								
†Index Notion Co	Merchandise	6	7	1	4	58,64								
Indiana Service Co	Gas						Steam	2	4			Ins.	H	
Indianapolis and Cincinnati Traction Co								1				Ins.	H	
*Kennedy Car Liner and Bag Co	Paper car liners	10	25			60								
*Kennedy Milling Co., The	Milling	6				60								
†Means, O. L.	General merchandise	10	9			60								
†Meteor Motor Car Co	Automobiles	24	1			57								
Middle West Utilities Co	Gas						Steam	2				Ins.		
†Model Sanitary Milk and Ice Cream Co	Milk and ice cream	7				70								
†Monte Glove Co	Manufacturing gloves	3	25			56								
†Morrison & DePrez	General merchandise	4	1			77								
†Parrish, J. O., Lumber Co	Lumber and coal	7	1			60								
Porter, Enos	Glass works						Steam	2				Ins.		
*Progress Laundry	Laundry	2	8			55							A, C	Bad.
†Schmoe, C. F., Furniture Co	Manufacturing kitchen cabinets	79	3			60	S. & E.	1				Ins.	H	
Shelby County Water, Gas and Electric Co	Water, gas, etc						Steam	2				Ins.		
†Shelby Democrat Publishing Co	Newspaper	9				48								
*Shelby Lumber Co	Planing mill	15				60	Steam	1				S.D.,Eng.	A	Good.

SHELBYVILLE, SHELBY COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Shelbyville Canning Co							Steam	4				Ins	H	
†Shelbyville Desk Co	Manufacturing desks	42	2			60,48	Steam	1				Ins	A	Good.
†Shelbyville Wardrobe Manufacturing Co	Manufacturing furniture	64		1		60	Steam	1				Ins	A, H	Good.
†Spiegel Cabinet Co	Manufacturing kitchen cabinets	74		6		60	S. & E	1				Eng	A, E	Good.
†Spiegel Furniture Co	Manufacturing furniture	79				60	Steam	1				Eng	A	Good.
Stine, John & Sons							Steam	1				Ins	H	
†Stroup, S. P., Lumber Co	Lumber	8				60								
†Vandegrift & Morris	Machine shop	9				60								

SHELDON, ALLEN COUNTY. (Population, 200.)

Sprang Clay Products Co	Manufacturing tile						Steam	1				S.D., Ins	H	

SHERIDAN, HAMILTON COUNTY. (Population, 1,768.)

†Central Indiana Telephone Co	Telephone	3	4			60								
†Hotel Thistlethwaite	Hotel		2			60								
*Indiana Condensed Milk Co	Dairy products	20	5			60,48	Steam	4				Ins		
†News Publishing Co	Newspaper	3	2			54								
†Palmer, G. H	Saw mill	17	1			60	Steam	1				Eng		
†Sheridan Packing Co	Canning vegetables	35	42		13	40	Steam	2				Ins	H	
Sheridan Water, Light and Heat Co							Steam	2				Ins	H	
*Stanley & Beauchamp	Department store	2	5			63								

SHIDELER, DELAWARE COUNTY. (Population, 150.)

Tucker, R. C	Saw mill						Steam	1				S.D., Eng		

SHIPSHEWANA LAGRANGE COUNTY. (Population, Census, 600.)

Beecher, James A. & Co.	Grain elevator	2				54							B, C	Good.
‡Farver Bros.	Planing mill						Steam	1				S. D		

SHIRLEY HANCOCK COUNTY. (Population, 1,519.)

American Creosoting Co.							Steam	3		1		Ins.	H.	
†Seven Hosek Bros. Co.	Lamp chimneys	13		2		50	Steam			1		Ins.		
†Shirley Canning Co.	Canning tomatoes	20	40	10	30	50	Steam	2				Ins.	H.	
Woodbury Glass Co.							Steam	2				Ins.	H.	

SHOALS, MARTIN COUNTY. (Population, 1,015.)

†Hincher Manufacturing Co.	Manufacturing garment hangers	91	6			60	Steam	1				Ins.	H.	
†Johnson & Chenoweth	General merchandise	6	1			84								

SILVER LAKE, KOSCIUSKO COUNTY. (Population, 493.)

‡Burk & Kissinger	Saw mill	2				60	Steam	1				S.D.,Eng.	B.	Fair.
Holderman, Isaac	Feed mill	2				60	Steam	1				S.D.,Eng.	A, B.	Fair.
Kinsey Bros.	Grain elevator	2				60							B.	Good.
Silver Lake Record	News and job printing	2				54							A, B.	Good.

SILVERWOOD, FOUNTAIN COUNTY. (Population, 150.)

American Hominy Co.	Grain elevator						Steam	1				Ins.		
*Silver Island Clay Co.	Coal mining	40				48	Steam	1		2		Ins.	H.	
†Silverwood Sand and Gravel Co.	Sand and gravel	9	1			60	Steam			1				

SIMS, GRANT COUNTY. (Population, 250.)

‡Haycock, A. W.	Grain elevator						Steam	1				S. D.		
†Sims Glass Works	Manufacturing glass bottles	95		6		54								

SLOAN, WARREN COUNTY. (Population, Census, —.)

Name or Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes. Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.	Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers. Horizontal Tubular.	Water Tubed.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.	Orders Issued and Complied With.	General Sanitary Conditions.
Sloan Grain Co.	Grain elevator						Steam	1				Ins.	H.	

SMITHSON, WHITE COUNTY. (Population, 30.)

Crabbs, Reynolds, Taylor Co.	Grain elevator						Steam	1				Ins.		

SOUTH BEND, ST. JOSEPH COUNTY. (Population, 53,684.)

†Altermatt-Wahl Manufacturing Co.	Manufacturing garment hangers	6	4			55,50								
†American Theatre Co.	Theatrical	2	2			48								
†Auditorium Theatre	Theatrical	6	2			48	Steam	2						
†Avenue Hotel	Hotel	3	1											
†Bailey & Elliott Printing Co.	Printing	5	1			48								
*Baker, W. R. & Co.	Shoes	7	1											
†Becker, D. N.	Grocery	6	2			60								
†Beyer Floral Co.	Florist	11	1			54								
†Bilinski, Anthony	Manufacturing cigars	5	1			48								
†Birdsell Manufacturing Co.	Manufacturing vehicles, etc.	281	19			53,59	Steam		3			S.D., Ins.	A, H.	Good.
†Bowsher, N. P. Co.	Manufacturing wood specialties	60				60	Steam	2				S.D., Ins.	A, H.	Good.
†Brandon-Durrell Co.	Dry goods	6	39			53								
†Burner, E. & Co.	Contractor	25	1			60,50	S. & E.	1						
†Butzbach Fruit and Cold Storage Co.	Wholesale fruits, etc.	25	3			60								
†Campbell Paper Box Co.	Paper boxes, etc.	30	11	1	30	55								
†Central Electric Co.	Electrical contracting	8	2			50								
†Chicago, South Bend and Northern Indiana Railway	Transportation	441	10			60,48	Steam	1				Ins.	H.	
†Ciralsky, A. & Son	Junk	6				59	Steam			1		Ins.	H.	
City of South Bend	City hall						Steam			2		Ins.	H.	
City of South Bend	High school						Steam		3			Ins.	H.	

City of South Bend	Kaley school						Steam			2		Ins	H	
City of South Bend	Elder school						Steam			2		Ins	H	
City of South Bend	Muessel school						Steam			2		Ins	H	
City of South Bend	Studebaker school						Steam			2		Ins	H	
City of South Bend	Oliver school						Steam	1				Ins	H	
City of South Bend	Laurel school						Steam	1				Ins	H	
City of South Bend	Perley school						Steam	1				Ins	H	
City of South Bend	Lincoln school						Steam			2		Ins	H	
City of South Bend	River Park school						Steam			2		Ins	H	
City of South Bend	Water works						Steam		6			Ins., S.D.	H	
†City Steam Laundry	Laundry	2	8			54	Steam	1				Ins., S.D.	A, B	Good.
Clover Leaf Manufacturing Co	Manufacturing concrete mixers	25				55	Elec							Good.
Coca Cola Bottling Works	Manufacturing coca cola	3				54	Elec						B	Good.
†Colfax Manufacturing Co., The	Manufacturing vehicles	19	2			55	Steam	1				Ins	H	
†Collmer Bros	Manufacturing tools	15	2			60								
†Columbia Mattress Co	Manufacturing mattresses	5	1			55								
Commercial Athletic Club							Steam	2				Ins	H	
*Coonley, Charles & Co	Wholesale and retail drugs	7	7			60								
County of St. Joseph	Court house						Steam	3				S.D., Ins		
County of St. Joseph	Infirmary						Steam	3				S.D., Ins	H	
†Crescent Machine Works	Manufacturing steel roller dies	8				45								
Crockett & Gaskill							Steam	1				Ins	H	
†Cutter, George Co	Manufacturing electrical supplies	191	10	2	1	55,48	Steam	1					J	Good.
†Davies Shirt and Laundry Co	Manufacturing shirts and laundering	22	65	2		54	Steam	1				Ins., S.D.	H	
†Defrees, C. H	Street paving, building supplies	45	1			59,51								
†Doddridge, Elmer	Barber shop	7				69								
†Eckler, Henry, Manufacturing Co	Planing mill and lumber	14	2			50,45								
†Elbel Cigar Box Manufacturing Co	Manufacturing cigar boxes and labels	3	5			48								
*Ellsworth, John Chess	Dry goods	26	103	4	23	50,55								
†Elmore, Squire & Co	Grain elevator	16				60								
†Engeldrum, B. J	Manufacturing cigars	5	1	1		48								
†Engman-Matthews Range Co	Manufacturing ranges	121	4		1	50,45	Elec							
Epworth Hospital	Hospital						Steam	2				S. D		
†Fabric Roll Protector Co	Manufacturing roll protectors	8	1			55,40								
Federal Biscuit Co	Bakery	14	40			55							C	Good.
†Ferndell Grocery and Market	Grocery	5	1			60								
Folding Paper Box Co	Manufacturing paper boxes, etc	39	48	1	7	50	Steam	1				Ins	A, H	Good.
†Folsom, C. G., Manufacturing Co	Sheet iron works	40				60							B	
†Frazier & Frazier	Selling and repairing autos	6	1											
*Freyermuth's Art Store	Pictures, wall paper, etc	10				54								
†Fullerton-Powell Hardwood Lumber Co	Wholesale lumber	21	12			45,54								
Fulton-Harwood Co	Brass foundry	9				55							B	
†Goetz Cigar Co	Manufacturing cigars	28	7			48								
†Goniec Polski Printing Co	Newspaper	9	1			54								
†Grand Union Tea Co	Retail coffees, teas, etc	38	6	1		58,55								
*Gross, L. C. Co., The	Manufacturing overalls and coats	2	13			48								
†Haberle, John B	Machinist	18				55								
†Hardy, L. P. Co	Printing, etc	40	24			48								
†Hazinski, M	Manufacturing cigars	48	6	2	2	46								
†Healy Box Corporation	Manufacturing boxes	25												

SOUTH BEND, ST. JOSEPH COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Heckaman & Son	Barber shop	5				72								
†Hibberd Printing Co	Commercial and catalogue printing	20	5			48								
†Hollingsworth-Turner Co	Manufacturing ice and ice cream	40	5			70,48	Steam	2				S. D		
†Hotel Nickel	Hotel	5	2			70								
†Hotel Windsor	Hotel	3	1			60,42								
†Household Outfitting Co	Retail furniture	6	2			65,60								
Hunt Bros. Manufacturing Co	Manufacturing vehicles	7	1			59							A, C	Fair
†Ideal Laundry Co	Laundry and manufacturing soap	13	26			54	Steam	1				S. D		
†Indiana Engraving Co	Manufacturing printing plates	17				48								
†Indiana Lumber and Manufacturing Co	General lumber business	81	4			55,49	Steam	2				Ins., S.D	H	
†Indiana and Michigan Electric Co	Electric light and power	157	17			48,84	Steam	3		18		Ins., S.D	B, H, J	Good
Interior Elevator Co	Grain elevator						Steam	3				S.D., Ins		
†Iwan Bros	Manufacturing hardware specialties	13	1	4		55,48								
J. M. & S. Building	Office building	10	12				Steam	2				S. D		
†Jacobson-Peterson-Peltz & Kaufer	Wholesale paper, etc	18	1	2		55,50								
†Jahnke, August E	Bakery	6	1			60							G	Good
†Kable's Lunch Rooms	Restaurants	50				84								
*Kanouse & Phillips	Coal and wood	9				54								
†Kent, L. S., Cigar Co	Manufacturing cigars	3	59			50,44								
*Knoblock & Ginz Milling Co	Flour and feed mill	7	1			60,48								
†Knoblock-Heideman Manufacturing Co	Manufacturing electrical apparatus	33	21			55							A	Good
†La Fayette Hotel	Hotel	6	2			84								
*‡La Salle Paper Co	Manufacturing paper	18				72	Steam	1		1		Eng.,S.D		
Leer, Del C							Steam			1		Ins		
†Livingston, Meyer Sons	Retail clothing, etc	9	1			65								
*Loehr & Ransberger	Wall paper, decorators, etc	24	1			59,54								
†Long Distance Telephone Manufacturing Co.	Manufacturing telephones, etc	13	2	2		54								
†Lontz, Samuel C. & Sons	Coal, wood, lime, etc	10				58								
†Lower, I. W., Decorating Co	Painting and decorating	28	2			54								
†Lundy, H. A. & Co	Women's apparel	2	7			63								
†Majestic Theatre	Theatre	5	2			42								
†Malleable Steel Range Manufacturing Co	Manufacturing ranges	111	9			51,45	Steam	2				Ins., S.D	H	
†Manufacturers Plant and Power Co	Factory plant building	13				60	Steam		3			Ins., S.D		

†Martin, Wm. F.	Saloon and wholesale liquors	6				60								
*Maurer, W. & Co	Machinists	10				60								
Maxinkuckee Lake Ice Co							Steam	2				Ins	H	
†McGill, J. P. Co	House furnishings	12	1			60								
†McHenry-Millhouse Manufacturing Co	Manufacturing roofing, etc	57	4			55,45	Steam	3				Ins., S.D.	H	
†McInerney & Doran	Wholesale and retail cigars	9				54								
*Meyer Foundry and Machine Co	Foundry, etc	24	1			55,44	Steam	1				S. D		
†Meyer, G. E. & Son	Retail hardware	15	1			54								
†Miller, Walter C	Coal and wood	6				60								
†Modern Specialties Manufacturing Co	Manufacturing hardware specialties	10	5			60								
†Moran, S. D	Electrical contractor	5	1			50								
†Mussel Brewing Co	Brewery	40				48,56	Steam	3				Ins., S.D.		
†National Grocer Co	Wholesale grocery	26	2			56,48								
†National Lumber Co	Lumber and millwork	17	1			55,50								
†News-Times Printing Co	Newspaper	71	9			54								
†Nickel Hotel Co	Hotel	3	2			54,42								
†Niezgodski, John T	Manufacturing cigars	14	2	2	3	48								
Northern Indiana Gas and Electric Co							Steam	4				Ins., S.D.	H	
†O'Brien Varnish Co	Manufacturing varnish	33	4			55,50	Steam	2				Ins., S.D.		
Oliver Chilled Plow Works	Manufacturing plows						Steam	4	11	5		Ins., S.D.	H	
†Oliver Hotel Co	Hotel	100	40		3	56	Steam		3			Ins., S.D.	H	
†Oliver Opera House	Theatrical	30	1											
†Omacht, George F	Manufacturing cigars	5	1			48								
†Orpheum Theatre	Theatrical	16				10,70								
†Pearl Theatre	Picture show	1	2			49								
†Peerless Press	Printing	17	2			48								
†Philadelphia, The	Confectionery	8	10			60								
*Pommert & Jay	Barber shop	7				72								
†Quality Shop	Retail clothing, etc	6	1			65,58								
Reliable Cleaners and Dyers	Cleaning and dyeing	4				54							A, B	Fair
†Renfranz, Jr	Merchant tailor	10				60								
†Ridenour Apron Co	Manufacturing aprons, etc	4	24		52	50								
†Robertson Bros. Co	Retail dry goods	12	75		6	55								
†Rubber Regenerating Co	Rubber regenerating	400	7		4	60,54								
†Russ Company, The	Manufacturing flour	18	20			55,50								Fair
†Russell & Russell	Manufacturing mattresses, etc	8	1			55,45								
†Sailors Brothers Co	Carpets, furniture, etc	10	4			60,54							J	Good
†St. Joe Furniture, Carpet and Stove Co	Furniture, carpets, etc	5	1			62,59								
†Salinger, S. H	Department store	15	20			60,54								
Sanders & Egbert	Saw mill						Steam	2				Ins., S.D.	H	
†Sax, Chas. B. & Co	Dry goods	6	24			53								
†Schafer's Cigar Factory	Manufacturing cigars	6	1			48								
Schafer, Fred & Son	Machine shop	4				59							B	Good
†Schafer & Platner	Wholesale and retail cigars and tobacco	6				60								
*Schmidt Cut Stone Co	Cut Stone	12				50								
†Sheridan House	Hotel	12	12			60								
†Shidler Bros. Manufacturing Co	Manufacturing tables	80	2			57	Steam	2				Ins., S.D.		Good
†Shimp, Wm. D	Coal, wood and feed	7				60								
†Sibley Hardware Co	Wholesale and retail hardware	8	2			66,60								
†Sibley Machine Tool Co	Manufacturing special machinery	92	1	1	1	55,44							A	Good

SOUTH BEND, ST. JOSEPH COUNTY—Continued.

Name of Firm or Establishment	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Singer Manufacturing Co	Manufacturing sewing machines	2542	14			55,44	Steam		18			Eng.,S.D.		
Sisters of Holy Cross Association							Steam			5		Ins	H	
†Slick's Laundering Co	Laundry	9	14			60,55								
†Smith, Milton G.	Garage and selling autos	8				70								
†Smoger Lumber Co	Retail lumber and contracting	40	1			59								
*South Bend Bait Co	Manufacturing fishing tackle	2	14			50								
†South Bend Brewing Association	Brewery	30				54	Steam	2				Ins., S.D.	A	Good
†South Bend Brick Co	Manufacturing brick	20				60								
†South Bend Chilled Plow Co	Manufacturing agricultural implements	175				50								
†South Bend Creamery Co	Mfg. butter, wholesale cheese, etc	10	1			60,50								
†South Bend Dowel Works	Manufacturing dowel pins, etc	16				55	Steam	1				B.M.,S.D.		
†South Bend Engraving and Electrotyping Co	Engraving and electrotyping	30	3			48								
†South Bend Foundry Co	Foundry	38	2			58,54							B	Good
South Bend Furniture and Mfg. Co	Manufacturing furniture						Steam	1				S. D		
†South Bend Home Telephone Co	Telephone	66	23			54,48								
†South Bend Machine Tool Co	Manufacturing lathes	42	3			55,44								
South Bend and Mishawaka Gas Co							Steam	1				Ins	H	
†South Bend Oil Co	Jobbing oil	10				60								
†South Bend Paper Co	Machine shops	5				55								
*South Bend Remedy Co	Manufacturing medicines	2	6			44								
†South Bend Sanitary Milk Co	Wholesale and retail milk	20				60	Steam	1				Ins., S.D.	H	
†South Bend Sash and Door Co	Wholesale mill work	9		1		55								
†South Bend Spring Wagon and Carriage Co	Repairing and painting vehicles	18				59								
†South Bend Toy Manufacturing Co	Manufacturing toys	150		65		55	Steam	2				Ins., S.D.	A	Good
†South Bend Vacuum Ice Co	Manufacturing ice	8	1			48								
†South Bend Watch Co	Manufacturing watches	170	152	5	44	55	Steam	2				Ins	H	
†South Bend Wholesale Grocery Co	Wholesale grocery	15	4			60,45								
†South Bend Woolen Co	Manufacturing woolens	94	73			59	Steam	3	1			Ins., S.D.	A, J	Good
*Spiro, Samuel & Co	Clothing	18	2			57,54								
Standard Oil Co	Oil						Steam	1				Ins., S.D.		
†Staples-Hildebrand Co	Contractors' material	14	1			60,47								
†Star Theatre	Picture show	2	2			49								
†Stephenson Manufacturing Co	Wood turnings	97				55,60	Steam		2			Ins., S.D.	H	Good

†Stephenson Underwear Mills	Underwear	50	200			45	Steam	2	1			S.D., Ins.	A	Good.
†Studebaker Corporation	Vehicle and auto parts	2939	160	11		47,55	Steam		10			S.D., Ins.	A, H	Good.
Studebaker, John M							Steam	2				Ins	H	
Summers, Grabille R	Office building						Steam	1			1	Ins	H	
†Surprise Theatre	Picture show	3	5			49								
†Tribune Printing Co., The	Printing and publishing	55	6			48,54								
†Tryber Piano Co	Manufacturing pianos	90				55	Elec							
†Twentieth Century Motor Car & Supply Co.	Garage and supplies	12	1			60,84								
†Union Buffet and Cafe	Saloon and restaurant	9				60,72								
†Union Electric Manufacturing Co	Electrical repairs	9				55								
†Union Shoe Co	Retail shoes	13	2	1		54,60								
Vandalia Railroad Co							Steam	1				S. D		
†Vanderhoof & Co	Pharmaceutical preparations	4	57			53,56	Elec							
†Vernon Clothing Co	Retail clothing	13	1			54								
†Ward Hack and Transfer Co	Livery and transfer	35				72								
†Weber, J. B	Confectionery	8	11		6	56,59	Elec							
†Weiss, Charles	Bakery	4	1		1	54,60								
†Wells Manufacturing Co	Engravers' wood	5				59	Steam	1				S. D	A, B, K	Good.
†Western Amusement Co	Picture show	9	3			54								
†Wheelock, Geo. H. Co	Mercantile	7	9	1		57								
†White Swan Laundry	Laundry	5	15			45,60	S. & E			1		S.D., Ins.	H	
†Whiteman Bros. Co	Wholesale grocery and confectionery	18	6			55,48								
†Wilson Bros	Manufacturing shirts and underwear	102	839			55,50	Steam	2	1			Ins., S.D.		
†Winkler Bros. Manufacturing Co	Manufacturing wagons	65				55								
Wire Bounds Corporation	Manufacturing machinery						Steam	1				Ins		
†Wyman, George & Co	Dry goods, etc	25	60		15	51								
Y. M. C. A	Y. M. C. A						Steam	2				Ins	H	
*Zeltner, Andrew	Hardware, etc	5				64								
†Ziegler-Huff Lumber and Coal Co	Lumber and coal	15				60								

SOUTH MILFORD, LAGRANGE COUNTY. (Population, 375.)

‡Keller, J. & Co	Grain elevator						Steam	1				S. D		
‡Menely, John	Saw mill						Steam	1				S. D		
‡Wert, Isaac	Saw mill						Steam	1				S. D		

SOUTH RAUB, TIPPECANOE COUNTY. (Population, 100.)

Crabbs, Reynolds, Taylor Co	Grain elevator						Steam	1				Ins		

SOUTH WHITLEY, WHITLEY COUNTY. (Population, 1,176.)

Atos Printing Co							Steam	2				Ins	H	
‡Edwards, P. A	Saw mill						Steam	1				S. D		

SOUTH WHITLEY, WHITLEY COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Gandy, O. & Co	Grain elevator						Steam	1				Ins., S.D.		
†Grip Nut Manufacturing Co	Manufacturing lock nuts	48	9		4	55	Steam	2				S. D		
†Rupley, M. G	Blacksmithing	7				60								
‡South Whitley Milling Co	Flour mill						Steam	1				S. D		
South Whitley Water and Light Co	Water and light						Steam	3				Ins., S.D.	H	

SPARKSVILLE, JACKSON COUNTY. (Population, Census, 140.)

Lehigh Portland Cement Co	Shale quarry						Steam			2		Ins		

SPENCER, OWEN COUNTY. (Population, 2,150.)

†Allison, Chas. F. & Son	General merchandise	2	6			56								
Bayne Lumber Co	Manufacturing lumber	20				59	Steam	1				Ins		
†Epitomist Publishing Co	Printing and publishing	16	48		6	54								
†Indiana Wood Products Co	Saw mill, etc	29	1			60,48	Steam	2				Ins	H	
†Spencer Light, Power, Heat and Water Co	Water, light, etc	5				84	Steam	2				Ins	H	
*Spencer Stone Co	Stone quarry	25				60								

SPICELAND, HENRY COUNTY. (Population, 622.)

Citizens Canning Co	Canning factory						Steam	3				Ins	H	
†Stigleman, J., Manufacturing Co	Manufacturing chairs, cupboards, etc	15				55	Steam	1				Ins	H	

SPRINGPORT, HENRY COUNTY. (Population, 154.)

Springport Roller Mills	Flour mill						Steam	1				S. D		

STAR CITY, PULASKI COUNTY. (Population, 450.)

Reed, T. L. & Co	Grain elevator						Steam	1				S. D		

STATE LINE, WARREN COUNTY. (Population, 194.)

Currant, M. A. & Co	Grain elevator						Steam	1				Ins		

STAUNTON, CLAY COUNTY. (Population, 746.)

†McGee & Co	Saw mill	8				60	Steam			1		Ins		

STINESVILLE, MONROE COUNTY. (Population, Census, 497.)

Monon Railway Co	Pump station						Steam			1		B. M		
Henley, Geo. W., Stone Co	Stone quarry						Steam	2				Ins	H	
†Hoadley, J. & Sons Co	Stone quarry	119				59	Steam	4		8		Eng		

STOCKWELL, TIPPECANOE COUNTY. (Population, 450.)

Lauramie Grain Co	Grain elevator						Steam	1				Ins	H	

STRAUGHNS, HENRY COUNTY. (Population, 543.)

‡Murphy, S. H. & Co	Canning factory						Steam	1				S. D		

STROH, LAGRANGE COUNTY. (Population, 350.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
*Wabash Portland Cement Co.	Manufacturing portland cement	150				65	Steam		5	2		Ins., S.D.	H.	

STONINGTON, LAWRENCE COUNTY. (Population, 50.)

Indiana Quarries Co.	Stone quarry						Steam	4				Ins.	H.	

SULLIVAN, SULLIVAN COUNTY. (Population, 4,115.)

Alsman, John E.	Saw mill						Steam			2		Ins.	H.	
Brunger, S. & Co.	Woolen mill						Steam	1				S. D.		
Consolidated Indiana Coal Co.	Mining coal						Steam	7				S. D.		
†Davis Hotel	Hotel	7	7			60								
†Dix Lumber Co.	Retail lumber	10				54								
†Johnson, W. E. Co.	Meats	4	2	2		64								
†Majestic Theatre	Picture show	1	1			20								
Merchants Ice and Fuel Co.							Steam	2				Ins., S.D.	H.	
Nesbit, I. A.	Flour and feed						Steam	1				Eng., S.D.		
†Scott Hardware Co.	Hardware, etc	10	1			54								
†Sinclair & Co.	General merchandise	7	5			66,54								
†Springer & Carrithers	Department store	4	4			72,60								
†Sullivan Brush Works	Manufacturing brushes	7	11			53,50								
†Sullivan County Electric Co.	Electricity	7				54,84	Steam	4				Ins., S.D.	H.	
†Sullivan Democrat and Daily Times	Newspaper	9				54								
*Sullivan Mill and Elevator Co.	Mill and elevator	8				60	Steam	1				Eng., S.D.		
Sullivan Steam Bottling Works	Bottling works	1					Steam	1				S. D.		
†Sullivan Steam Laundry	Laundry	2	5			50	Steam	1				Eng., S.D.		
†Sullivan Telephone Co.	Telephone	4	15			54								
†Sullivan Transfer Co.	Transfer	5				48								
*Thompson & Crawford	Dry goods	3	2			72								

SUMMITVILLE, MADISON COUNTY. (Population, 1,387.)

Gillman, S. B.	Flour mill						Steam	1				Eng		
National Drain Tile Co	Manufacturing drain tile						Steam	5				Ins., S.D.		
Powell, E. E.	Saw mill						Steam	1				Ins		
†Sparks Department Store	General merchandise	3	2			63								
†Summitville Drain Tile Co	Manufacturing drain tile	60				60	Steam	3				Ins	H	
Summitville Electric Light and Water Co.	Light and water						Steam	2				Eng.,S.D.		
Summit Mills	Flour mill						Steam	1				S. D		
†Warner, W. M. & Sons	General merchandise	11	4			62								

SUNMAN, RIPLEY COUNTY. (Population, 353.)

†Galbraith & Son	Saw mill	35				60	Steam	1				Ins	H	

SWANINGTON, BENTON COUNTY. (Population, 116.)

McConnell, J. W.							Steam			1		Ins	H	

SWAYZEE, GRANT COUNTY. (Population, Census, 836.)

Morrison & Thompson	Grain elevator						Steam	2				S. D		
†Swayzee Canning Co	Canning factory	41	42		10	60,50	Steam	2						

SWEETSER, GRANT COUNTY. (Population, 700.)

Malott, Riley O	Saw mill						Steam	1				Ins., S.D.	H	
*Sweetser Drain Tile Co	Manufacturing drain tile	35				60	Steam	2				Ins., S.D.	H	
†Sweetser Grain Co	Grain dealers	5				60	Steam	2				Ins., S.D.	H	
†Williamson Bros.	Manufacturing drain tile	13				48	Steam	1				Ins., S.D.	H	

SWITZ CITY, GREENE COUNTY. (Population, 620.)

Linton Mill Co							Steam	1				Ins		
Twibell & Yount	Saw mill	6				60	Steam	1				B. M		

SYRACUSE, KOSCIUSCO COUNTY. (Population, 1,379.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Baltimore and Ohio Railway Co	Pump station						Steam			1		S. D		
†Gilderman Manufacturing and Foundry Co	Foundry and machine shop	20				60	Steam	1				S. D		
†Sandusky Portland Cement Co	Manufacturing portland cement	160	1			84,24	Steam		5	6		Ins., S.D.	H	

TAB, WARREN COUNTY. (Population, Census, 150.)

Pence, F. R. & Co. et al	Grain elevator						Steam	1				Ins	H	

TALBOT, BENTON COUNTY. (Population, Census, 169.)

‡Kelley & Betts	Grain elevator	2					Steam	1				S. D	H	

TAYLOR STATION, TIPPECANOE COUNTY. (Population, Census, —.)

Crabs, Reynolds, Taylor Co	Grain elevator						Steam	1				Ins		

TECUMSEH, VIGO COUNTY. (Population, Census, 65.)

Clovelley Coal Co	Mining coal						Steam	2				Ins		

TEEGARDEN, MARSHALL COUNTY. (Population, Census, 220.)

†Good, E. W	Saw mill	7				50								

TELL CITY, PERRY COUNTY. (Population, Census, 3,369.)

†Becker Bros	General merchants	5	2			54,60						A, B, F	Good.
†Chair Makers Union	Chairs	175		40		60	Steam	4			Ins	H	
City of Tell City	Water and light	3					Steam	2	1		Ins	H	
†Commercial Hotel	Hotel												
†Fischer Chair Co., The	Chairs	22		2		54,60	Steam	1			Ins	A, D	Good.
Journal, The	Printing and publishing	2				48	Gas					A, B	Good.
*Kasper, Frank R	Dry goods and clothing	6	6			54,60							
†Knott Manufacturing Co	Plumbing supplies	9				59	Steam	1			Ins		
†Obrecht, John Sons, Manufacturing Co	Wagon hubs	25				60	Steam	1			Ins		
†Perry County Tribune	Printing	4	1			54							
Seibert, Frank	Bakery	3				60						B	Good.
†Southwestern Furniture Co	Furniture	30				60	Steam	1			Ins	A, D	Good.
†Tell City Brewing Co	Brewery	23				51,78	Steam	2				A	Good.
Tell City Canning Co	Cannery						Steam	1			Ins	H	
†Tell City Desk Co	Desks	66				60	Steam	1			Ins	A, H	Good.
†Tell City Flouring Mills	Flour mill	8	2			48,60	Steam	1			Ins	H	
Tell City Foundry and Machine Works	Foundry, etc	3				60	Steam	1			Eng	A, D	Good.
†Tell City Furniture Co	Furniture	89	2	2		60	Steam	2			Ins	A, B, D, H	Good.
†Tell City Planing Mill	Planing mill	18				60	Steam	1			Ins		
†Tell City Spoke Co	Spokes	15				54	Steam	1			Ins	H	
†Tell City Steam Laundry	Laundry	3	3			50,60	Steam	1			Eng		
†Tell City Woolen Mills	Woolen mill	10	30			60	Steam	1			Ins	H	
Tribune, The	Printing and publishing	3	1			51						A, D	Good.
†U. S. Brick Co	Brick and tile	24				60	Steam	2			Ins	A, B, C, H	Good.
†U. S. Hame Co	Hames	172	24			60	Steam	4			Ins	A, H	Good.

TEMPLETON, BENTON COUNTY. (Population, Census, 271.)

†Kennedy, P. J	Contractor	25				60	Steam	1				Eng		
‡Kennedy Bros	Grain elevator	1					Steam	1				S. D		

TERRE HAUTE, VIGO COUNTY. (Population, Census, 58,157.)

*Acme Coal and Lime Co	Coal and lime	6				60								
†Acme Glass Sand Co	Glass sand	25				54								
†Adair Manufacturing Co	Barrels and boxes	13				46								
†Adamson & Anderson	Merchandise	3	1	1		54								
†Albert Hotel	Hotel	2	1			49,84								
Albrecht, W. H. & Co	Department store	46	1	1		57							D	Good.
American Car and Foundry Co	Car building	300				59	Steam	6		2		Ins	A, H	Good.
American Cigar Co	Cigars						Steam	1				Ins	C, H	Good.

TERRE HAUTE, VIGO COUNTY—Continued.

Name or Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†American Clay Co	Clay products	60				60	Steam	5				S.D., Ins.	H	
American Hominy Co	Hominy	90					Steam		4			S.D., Ins.		
†Bader Hotel	Hotel	2	7											
†Ball, Isaac, Undertaking Co	Undertaker	6	1			45½								
Ball, W. C. & Spencer	Office building						Steam	1				Ins	H	
†Barbazette, John & Co	Cattle	15				84								
†Bauermeister, Chas. W	Wholesale grocery	20	2		1	54,60								
†Baur, Arthur	Druggist	7	2			45,60								
Beach, H. G. Estate	Office building						Steam	2				Ins	H	
†Bear Manufacturing Co	Toilet preparations	5	2			47,58								
Becker, Henry J	Bottling works						Steam	1				Ids		
†Beggs, Thos. G. & Co	Cattle	17				84								
Bement-Rea Co	Wholesale grocery	40	2			52,60								
†Bennett & Bennett	Brick	8				48								
†Bergmann Brick Yard	Brick	8				48								
†Big Vein Mining Co	Mining coal	75	5			48								
†Bigwood, J. M. & Sons	Jewelers	4	2			48,54								
†Bindley, E. H. & Co	Wholesale drugs	17	2			48,50								
Board of Commissioners	County jail						Steam			2		Ins		
Board of Commissioners	Court house						Steam	2				Ins	H	
Board of Commissioners	Glenn home						Steam	2				Ins	H	
Board of Commissioners	Poor farm						Steam	2				Ins	H	
†Bogard, A	Junk	3	5			54,60								
†Braden Manufacturing Co	Manufacturing novelties	16	2			54	Gas							
†Bresett, S. J	Grocery	17	5	1		60								
†Briggs Lumber Co	Lumber	7				63								
†Buettner & Shelburne	Machine repairing	39	3			48,54	Steam	1				Eng		
†Builders Supply Manufacturing Co	Planing mill	20				54	Steam	2				Ins	H	
*Caton, Wm	Contractor	5				48								
†Chicago, Terre Haute and Southeastern Railway Co	Railroad	886	3				Steam	2				B. M		
†Citizens Gas and Fuel Co	Gas and fuel	86	10			54,60	Steam	4				Ins	H	
†Citizens Independent Telephone Co	Telephone	32	48		20	57,65								

†Citizens Mutual Heating Co	Heating plant	8	1			48	Steam		6			Ins		
†City Lunch Room	Restaurant	15				84								
City of Terre Haute	Albert Lange school						Steam				1	Ins	H	
City of Terre Haute	Collett school						Steam	1				Ins	H	
City of Terre Haute	Craft school						Steam				1	Ins	H	
City of Terre Haute	Crawford school						Steam				2	Ins	H	
City of Terre Haute	Davis Park school						Steam				2	Ins	H	
City of Terre Haute	Deming school						Steam	2				Ins	H	
City of Terre Haute	Fairbanks school						Steam	2				Ins	H	
City of Terre Haute	Garfield high school						Steam				2	Ins	H	
City of Terre Haute	Greenwood school						Steam				2	Ins	H	
City of Terre Haute	Harrison school						Steam				1	Ins	H	
City of Terre Haute	Howard-Sandison school						Steam	2				Ins	H	
City of Terre Haute	Hulman school						Steam				2	Ins	H	
City of Terre Haute	James Hook school						Steam				2	Ins	H	
City of Terre Haute	McKeen school						Steam				2	Ins	H	
City of Terre Haute	Rea school						Steam	2				Ins	H	
City of Terre Haute	Ross school						Steam				1	Ins	H	
City of Terre Haute	Sheridan school						Steam				2	Ins	H	
City of Terre Haute	Thompson school						Steam				1	Ins	H	
City of Terre Haute	Voorhees school						Steam				2	Ins	H	
City of Terre Haute	Wiley high school						Steam	2				Ins	H	
C. C. C. & St. L. Ry	Repair shop						Steam	1				B, M		
*Coal Bluff Mining Co	Mining coal	131	6			54,48	Steam							
†Coco Cola Bottling Co	Coco cola	6	1	3		48	Steam	1				Eng		
†Columbia Enameling and Stamping Co	Enameled sheet ware	502	173	10	15	50,60	Steam		4			Ins	H	
†Columbian Laundry Co	Laundry	18	52			52,55	Steam	2				Ins	H	
†Commercial Distilling Co	Distillery	125	3			30,60	Steam		8			Ins	A, D, H	Good
†Cook, Black & Hoffman	Wholesale druggists	12	1			50								
†Cox, John S	Auto agency	8				60								
Craft, Isaac	Coal and clay						Steam			1		Ins	H	
†Crescent Theatre Co	Moving pictures	6	2			63								
†Deep Fourth Vein Coal Co	Mining coal	275				48	Steam	4				S.D.,Eng		
Doepfer, Oscar	Abattoir						Steam			1		B. M		
†Doak, Riddle, Hamilton Co	Insurance, etc	8												
†Duncan-Kingsolver Co	Junk	24	1			54,60								
†Eagle Iron Works Co	Coal mining machinery	59	1			48,54	Steam	1				S. D		
†Ehrmann & Co	Meat market	22	2			60	Steam							
†Ehrmann Manufacturing Co., The	Workmen's clothes	11	58	2	6	58	Elec						E	Good
†Eureka Block Coal Co	Mining coal	130				48								
*Fauvre Coal Co	Mining coal	100				48	Steam	3				Eng	H	
†Fenner, S. L., Hardware Co	Hardware	8				54								
†First National Bank	Banking	18				51								
Filbeck Hotel	Hotel						Steam	2				Ins		
†Fitzgerald's Court Bakery	Bakery	9				54								
†Foster, A. Z. Co	Retail furniture, etc	6	2			60								
†Fountain Theatre	Moving picture	3	2			56								
†Fouts & Hunter	Carriage manufacturing	19	3			46,59								
†Frank, Samuel & Sons	Overalls, etc	21	150	2	1	59							A,B,D,E	Good
†Friesz, J. W	Meat market	7	1			60								

TERRE HAUTE, VIGO COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Fromme, August	Lumber and hardware	8	2			54								
†Gartland Foundry Co.	Foundry	80				59	Steam	1				Ins		
*Germania Hotel	Hotel	2	3											
†Gilkison, E. P. & Sons	Wagons	5				60								
*Glen Ayr Coal Co	Mining coal	300				48	Steam	4				S.D., Ins	H	
‡Glendale Coal Co	Mining coal	27					Steam	1				S. D	H	
†Glynn, Thomas	Railroad contractor	25				60								
†Goldsmith, Chas. H. & Son Co	Commission	19	1			48,54								
†Goodman, Lee & Sons	Clothing	4	1			60,53½								
†Government Standard Scale Works	Scales	11				54								
†Grafe, A. Co., The	Wholesale grocery	12				54							D	Good
†Graham, W. J	Restaurant	10	5											
†Great Northern Hotel	Hotel	4	3			56,70								
†Green Valley Coal Co	Mining coal	300				48	Steam	4				Ins	H	
†Griffith, Isaac W.	Cooperage	5												
†Griffith & Stone	Cooperage	10				60	Steam	1				S.D.,Eng		
Halberg, John J.	Meat market						Steam			1		Ins		
†Hauley & Ruddle Tent and Awning Co	Tents and awnings	5	5			54,60								
†Haring, Anton	Contractor	6				48								
†Harvey, E. D	Furniture	6	1											
†Hazeldine, E. T. Co	Machine shop	14				54	Steam	1				Ins		
†Herz, A	Department store	38	184	1	27	54,51								
†Highland Iron and Steel Co	Iron and steel	600	2	1		60	Steam		12	1		Ins	A, B, H	Good
†Hoff, Chas. W	Brick	8		2		60	Steam	1				Ins		
†Holdaway, W. L	Flour and feed	9	1			60	Steam	1				Ins	H	
†Home Packing and Ice Co	Ice	93	3	2		48,50	Steam	4				S.D., Ins	H	
†Hooton Lumber Co	Lumber	10				60								
†Houff, A. Dale & Co	Planing mill	15				50	Steam	1				S.D., Ins	H	
†Hulman & Co	Wholesale grocery	150	50			60								
†Hunter Laundering and Dyeing Co	Laundry, etc	18	58	1		55	Steam		1			Ins		
†Ideal Baking Co	Bakery	21	6		1	48,55	Steam			1		Ins	A, B, H	Good
Indiana Building Co							Steam			1		Ins	H	
Indiana Electric Supply Co	Lighting fixtures	3				53							F	Good
*Indiana Milling Co	Milling	30				60	Steam	5				Ins	A, D, H	Good

†Indiana Music Co	Musical instruments	12	5			54								
Indiana State Normal School	School						Steam	4				Ins		
*Indiana Zinc Creosoting Co	Preserving ties	14				60	Steam	2				Ins		
†Inland Steel Casting Co	Foundry	42	2			55							A	Fair.
*Interstate Sand and Gravel Co	Sand and gravel	10				60								
‡†Jackson Hill Coal and Coke Co	Mining coal	475	2			48	Steam	6				Eng.,S.D.	H	
†Joseph, M. Sons	Clothing	8	1											
†Juergens, J. A.	Hardware	8				64								
†Kables Restaurant	Restaurant	14				84								
†Keith's Hotel	Hotel	17	3			70								
†Kester Electric Co	Dynamos	10				58	Steam	1				B, M		
†Kimball, W. W. Co	Pianos	6				48								
†Kintz, N. C.	Planing mill	10				54,60							A, C, H	Fair.
†Kirschner, Peter	Bakery	8	1			55								
†Kleeman Dry Goods Co	Dry goods	20	80			48,51								
†Knieriem & Hild	Barber	5				79								
†Knisley, Benj	Contractor	14				48								
†Kohn Bros	Clothing and shoes	6	2			60,62								
†Kuhn, Paul & Co	Grain	74	1			54	Steam	5				Ins	A, E, H	Good.
†Lake Grocery Co	Grocery	6				78								
†Lederer-Feibelman Co	Department store	12	62		12	56								
*Lenhart, H. P. Furniture Co	Furniture	8	1			63								
†Levering, Jesse & Son	Dry goods	6	15			54								
†Levi, Simon	Dry goods	8	17		4	57								
†Levin Bros.	General merchandise	16	4			60								
†Levinson, N. J	Ladies' ready-to-wear garments	3	7			54								
†Light & Guile	Millinery		16											
†London Packing Co	Packing	75	125			60	Steam	7				Ins	H	
†Lower Vein Coal Co	Mining coal	450				48	Steam	2				S. D		
†Mace, P. S.	Saw mill	19	1			48,59	Steam	1				S.D.,B.M.		
†McKeen National Bank	Banking	17	1			54								
McLean, Jessica	Arcade building						Steam			1		Ins		
†Manion, John Co	Sheet metal	7												
†Marley, B. F. Co	Office supplies, etc	6	1			60								
Marshall, B. V.							Steam			1		Ins	H	
†Martin, T. J. Co	Planing mill	8				50								
†Mayrose-Penry Co	Planing mill	6				48								
†Merchants Distilling Co	Distillery	100				72	Steam		8			Ins	H	
†Merchants Ice and Cold Storage Co	Ice and cold storage	14	1			72	Steam		2			S.D., Ins.	H	
Mewhinney & Co	Candy and boxes	55					Steam	2				S.D., Ins.		
†Meyer, Ed. N.	Contractor	5				48								
Midland Coal Washing Co	Washing coal	15					Steam	4				S. D	H	
†Milks' Emulsion Co	Medicine	3	5			54								
†Miller-Parrott Baking Co	Bakery	82	68			57	Steam	1				Ins	H	
*Model Ice Cream Co	Ice cream	7	1			45,55	Steam	1				Ins		
†Monon Coal Co	Mining coal	2,000				48	Steam	40				Ins	H	
†Mooney, C. W.	Grocery	6				72								
†Moore-Langen Printing Co	Printing	22	4	1		48,54	Elec							
†Morge Delivery Co	Transfer	8	1			60								
†Myers Bros.	Clothing	13	2			57								
†National Drain Tile Co	Drain tile	200				56	Steam	4				S.D., Ins.	A, H	Good.
*New Central Pharmacy	Drugs	5		1		54,63								

TERRE HAUTE, VIGO COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†North Baltimore Bottle Glass Co.	Glass bottles	500	3	97		54	Steam	4				Ins.	H.	
†North Terre Haute Canning Co.	Cannery	5	15			48								
†Oak Hall Pharmacy	Drugs	9				66								
†O'Brien & O'Connell	Autos and wagons	15				60								
†O'Leary, Patrick & Sons	Contractors	8				50								
†O'Mara Bros. Brick Co.	Brick	9				48								
†Orpheum Theatre	Moving pictures	6	4			56								
†Pabst Cafe	Saloon and restaurant	8	1											
†Paige, W. H. & Co.	Musical instruments	8	1			37,40								
†Parke Brick Co.	Building brick	9	1			48								
†Peoples Brewing Co.	Brewery	40				48	Steam		2			Ins.	H.	
† ‡Pittsburg Mining Co.	Mining coal	375	25			48	Steam	5				S.D.,Eng.	H.	
†Plaza Hotel	Hotel	4	5			70								
†Powers Cleaning Co.	Cleaning and dyeing	8	10			63								
†Princess Theatre	Moving pictures	4	1			56								
†Prox & Burget	Plumbing, etc.	24	1			48								
†Prox, Frank Co.	Mining machinery	87				54,60								
†Rahm, R.	Bakery	7	1			60								
†Reese-Snider Lumber Co.	Lumber	7				54								
†Reiman Lime and Cement Co.	Building material	5				54								
†Roehm Bros.	Contractors	10				48								
†Root Glass Co.	Glass bottles	250	10	25		54	Steam	4				Ins.	A, C, H.	Good.
Rose Dispensary	Office building						Steam			2		Ins.	H.	
Rose Orphan Home	Orphan home						Steam	2				Ins.		
Rose Polytechnic Institute	College						Steam	1	2			Ins.		
†Rottmann, L. N.	Cigars and tobacco	9				48								
Rowe, Clare E.	Abattoir						Steam	1				Ins.	H.	
†Ryan, P. J. & Sons	Undertaking	7				60								
St. Benedicts School	School						Steam					Ins.	H.	
†St. Nicholas Hotel	Hotel	3	1											
†Sandison Hotel	Hotel	4	1											
†Sayre, J. E. & Co.	Motorcycles, etc.	8				60								
‡Shirkie Coal Co.	Mining coal	260				48	Steam	4				S. D.		

†Silverstein Bros.	Clothing	4	4			60								
†Smith-Alsop Paint and Varnish Co.	Manufacturing paints	11	3			48,54								
†Soules, Wm.	Mining coal	15				48								
†Sparks Milling Co.	Flour mill	34	1			54	Steam	1				S.D., Ins.	H.	
†Springer-Whitaker Foundry Co.	Foundry	6				54								
†Stag Hotel	Hotel	3	4			72,84								
Standard Oil Co.	Oil						Steam	1				Ins.	H.	
†Standard Wheel Co.	Wheels	275				60	Steam		4			Ins.	H.	
†Stark, Chris Bottling Works	Carbonated beverages	5				48	Steam	1				B, M.		
Star Publishing Co.	Newspaper	70	5			48							B.	Good.
†Strong, Joseph & Co.	Coffee and spices	23	7			54,60	Steam	1				Ins.	H.	
†Sugar Valley Coal Co.	Mining coal	200				48	Steam	3				Eng.		
Summit Sand and Gravel Co.	Sand and gravel						Steam	1				Ins.	H.	
Swope Sheldon	Office building						Steam	1				Ins.	H.	
†Swope-Nepf Jewelry Co.	Jewelry	5	2			54								
*Tecumseh Mining Co.	Mining coal	500				48	Steam	12						
†Temple Laundry Co.	Laundry	15	31			54	Steam	1				Ins.		
†Terre Haute Abattoir and Stock Yards Co.	Stock yards	5				54	Steam	1				Ins.	H.	
†Terre Haute Automobile Co.	Automobiles	14	1			54,70	Elec.							
†Terre Haute Base Ball Association	Base ball	20				18								
†Terre Haute Boiler Works Co.	Boilers	22				54	Elec.							
†Terre Haute Brewing Co.	Brewery	300				48,70	Steam		6			Ins.	H.	
Terre Haute Casket Co.	Caskets	6					Steam	1				S.D.,B.M.		
†Terre Haute Coal and Lime Co.	Coal and lime	11				60								
†Terre Haute Handle Co.	Handles	20				49½	Steam	1				B. M.		
†Terre Haute House Co.	Hotel	80	28	8	12	63	Steam	2				Ins.	H.	
Terre Haute, Indianapolis and Eastern Traction Co.	Power plant, car barn						Steam	1	18			S.D., Ins.	H.	
†Terre Haute Laundering and Dyeing Co.	Laundry, etc.	10	30			52,60	Steam	2				Ins.	H.	
Terre Haute Lodge, B. P. O. E.	Lodge building						Steam	1				Ins.	H.	
†Terre Haute Malleable and Mfg. Co.	Foundry	210	15	2		55							A, C, F.	Fair.
†Terre Haute National Bank	Banking	9				58								
†Terre Haute Oil and Coal Co.	Oil and coal	38	5			48	Steam	2				Ins.	H.	
*Terre Haute Paper Co.	Strawboard	74	1			48,60	Steam	9				Ins.	A, B, H.	Fair.
†Terre Haute Post	Newspaper	21	2			48								
†Terre Haute Pure Milk and Ice Cream Co.	Creamery	39	1			54,63	Steam	2				Ins.	H.	
†Terre Haute Restaurant	Restaurant	2	6			84								
Terre Haute Rose and Carnation Co.	Florist						Steam	2				Ins.		
†Terre Haute Spring and Mattress Co.	Springs and mattresses	10	5			54,60								
†Terre Haute Stone Works Co.	Cut stone contractor	8				47	Steam	1				S.D., Ins.	H.	
†Terre Haute Transfer Co.	Transfer	32				75								
Terre Haute Trust Co.	Banking						Steam	2		1		Ins.	H.	
Terre Haute Vitrified Brick Co.	Brick	75					Steam	6		1		S.D., Ins.	H.	
†Terre Haute Water Works Co.	Water	37	3			54,60	Steam	3	1			S.D., Ins.	H.	
Tribune Publishing Co., The	Newspaper	65	5			48	Elec.						B.	Good.
†Tune Bros.	Clothing	6	1			54								
†Turner Bros. Co.	Glass works	460	25	20	15	54	Steam	1	3			Ins.		
Union Hospital	Hospital						Steam			3		Ins.	H.	
†United States Powder Co.	Powder	48	1			48	Steam	3						
†United States Scale Factory	Scales	11	2			54								

TERRE HAUTE, VIGO COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.				Boilers Inspected and by Whom.	Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.			
United States Trust Co	Banking	7				48								
Up-to-Date Manufacturing Co	Fire escapes, etc	16	2			48,60	Gas							
Valentine & Co	Abattoir						Steam	2				Ins	H	
†Valentine's Quality Drug Shop	Drugs	13	9	2		64								
Vandalia Railroad Co	Repair shop						Steam		5	2		B. M		
†Varieties Theatre	Theatrical	13		7		56								
†Vigo Clay Co	Clay products	60				60	Steam	4				S. D	H	Good.
†Vigo Cooperage Co	Cooperage	90				55	Steam	3				S.D., Ins		
†Vigo Ice and Cold Storage Co	Ice and cold storage	30				84	Steam	3				S.D., Ins	H	
†Vigo Poultry and Egg Co	Poultry and eggs	15				60								
Vigo Washed Sand and Gravel Co	Sand and gravel						Steam	1				Ins		
†Wabash Manufacturing Co	Children's wagons	34	1			48,59	Steam	1				Ins		
†Wabash Sand and Gravel Co	Sand and gravel	23	2			50,60	Steam			3		Ins		
†Walk-Over Boot Shop	Boots and shoes	6	1			60,64								
‡*Western Indiana Mining Co	Mining coal	1,274				48	Steam	11				S.D., Ins	H	
Wheeler, Sophia S							Steam	2				Ins	H	
†Whitlock, D. W	Concrete work	10				54								
Wizard Coal Co	Mining coal						Steam	3				S.D., Ins		
†Wolf, Carl	Clothing	6	1											
†Woodburn, T. R., Printing Co	Printing	18	7			54								
†Wright & King Co	Grocery	15	3			64,68								

THORNTOWN, BOONE COUNTY. (Population, Census, 1,508.)

*Hankins-He drick Co	Lumber	10				50	Steam	1				S.D., Ins	H	
†Jaques, E. R. Co	Poultry, etc	4	2			48,60								
†Riley, L. C	Planing mill	5				60	Steam	1				S.D., Ins	A	Good.
Stall & McCorkle	Elevator	3				60	Steam	1				S.D., Ins	A, D, H	Good.
†Thorntown Co-operative Telephone Co	Telephone	2	5			63,60								
Thorntown Grain Co	Milling	4				60	Steam	1				S.D., Ins	A, H	Good.
Thorntown Light, Heat and Water Co	Municipal	5					Steam	3				S.D., Ins	H	Good.

TIPTON, TIPTON COUNTY. (Population, Census, 4,075.)

†Bargain Store	Department store	4	16			57,63								
†Bates Cafe	Restaurant	3	2			84								
†Binkley Buggy Co	Vehicles	23	1			54,60	Elec							
Block, Wm. H							Steam	1			Ins			
†Bowlin, M. L	Contractor	8				50								
†Charles Bros	Vehicles	5		3		60								
‡City of Tipton	Electricity and water						Steam	3			Ins	H		
†Commercial Hotel	Hotel	2	6			60								
†Compton & Son	Hardware	8												
Fame Canning Co	Canning						Steam	4			S.D., Ins	H		
†Farmers Loan and Trust Co	Banking	3	2			54,48								
†First National Bank	Banking	4	1			48								
Garrett, W. H	Saw mill	8					Steam	1			S.D., Ins	H		
†Goff & Klegla	Contractors	20				60								
Hershman & Son	Grain elevator						Steam	1			Ins			
†Holmes-Hanley Co	Department store	9	21			54,66								
*Jackson, T. J	Saw mill	5				60								
†Oakes Manufacturing Co	Novelty works	20	10			60	Steam			1	Ins	H		
†Russell, J. N	Artificial ice	8	1			60	Steam	1			S.D., Ins			
†Schulenburg & Beck Co	Vehicles	4	1			60								
Snider, T. A., Preserve Co	Preserving						Steam	2			Ins	H		
†Stevens Bakery and Restaurant	Bakery and restaurant	3	5			60								
†Tipton Lumber Co	Lumber	7				54	Elec							
†Tipton Times	Printing and publishing	7				57	Elec					A		Good
†Tipton Tribune	Printing and publishing	5	1			54,60								

TOPEKA, LAGRANGE COUNTY. (Population, Census, 650.)

Greenwald & Hoyle	Flour mill						Steam	1			S. D	H		
†Miller, R. F. Co	Creamery	19	4			54,60	Steam	1			B. M			
Straus Bros. Co							Steam	1			Ins			

TROY, PERRY COUNTY. (Population, Census, 570.)

Bergenroth Bros	Flour mill	3				66	Steam	1			Ins	A, H		Good
†Fulton Hill Tobacco Manufacturing Co	Tobacco	4	3			60								
†Nester House	Hotel	2				84								
†Troy Amusement Co	Moving pictures	2				21								
†Troy Chair Co	Chairs	28	58			60	Steam	1			Ins	H		
Troy Model Brewery	Brewery						Steam	2			Ins			

TURNER, CLAY COUNTY. (Population, Census, 267 .)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Ehrlich-Pierce Coal Co	Mining coal						Steam	7				S. D.	H	

UNION CITY, RANDOLPH COUNTY. (Population, Census, 3,209.)

†Backstay Machine and Leather Co	Leather trimmings	35	15		4	50,59								
†Branham Hotel	Hotel	4	8			54								
†Branham Restaurant and European Hotel	Hotel and restaurant	3	7			50,84								
†Crystal Theatre	Moving pictures	1	1			22								
Eagle Publishing Co	Printing and publishing	3				60							A, B, C	Fair.
†Farm Supply Co	Hardware, etc	6				60								
‡Grimes Bros.	Meat packing						Steam	1				S. D	H	
Harrison Printing and Advertising Co	Printing and advertising	8	8			48,59								
*Kirshbaum, R. Co	Department store	5	10			50,60								
†Knapp Supply Co	Plumbing supplies	17	1			60								
Landman & Prince Milling Co	Flour mill						Steam	1				S.D., Ins.		
†Mead Grain Co	Grain	4	1			48,60	Steam	1				S.D., Ins.		
Miller, John	Saw mill						Steam	1				S. D.	H	
†Montano, John	Planing mill	6	1			54	Gas							
*Neel, Chas. E	Hardwood lumber	12				60	Steam							
†Peerless Tile and Manufacturing Co	Tile	10				60	Steam							
‡†Pierce Elevator Co	Grain elevator	7				60	Steam	1				S. D	H	
†Ross Carriage Manufacturing Co	Vehicles	12	3			50,54	Gas							
Shockney Bakery Co	Bakery	4				55							G	Fair.
†Stumpp Bakery and Restaurant	Bakery and restaurant	5												
†Tritt Electric Co	Electrical supplies	3	2			60								
†Union City Body Works	Vehicle bodies	67				59	Steam	1				S. D., Ins.	H	
†Union City Carriage Manufacturing Co	Vehicles	125	8			50,60	Steam	2				S.D., Ins.	A, E, H	Good.
Union City Lighting Co	Power plant						Steam	2				S.D., Ins.	A	Good.
Union City Steam Laundry	Laundry	1	3			55	Steam	1				S.D., Ins.	A, H	Good.
Union City Water Works	Municipal						Steam	2				S.D., Ins.	H	
†Union City Wheel Co	Vehicle wheels	42				59	Steam	2				S.D., Ins.	H	
†Union Stogie Co	Cigar manufacturing	1	20			50								

UPLAND, GRANT COUNTY. (Population, Census, 1,080.)

‡Lyons, Allen	Saw mill						Steam	1				S. D.		
‡Pearson Grain Co	Grain elevator						Steam	1				S. D.		
†Upland Flint Bottle Co	Flint bottles	180				52	Steam	2				S.D., Ins.	H.	

URBANA, WABASH COUNTY. (Population, Census, 280.)

†Cyclone Seeder Co	Manufacturing seeders	13	2			50,59	Steam	1				S. D.		
Elgin Creamery Co	Creamery						Steam	1				S. D.		

VALLONIA, JACKSON COUNTY. (Population, Census, 475.)

Bundy, L. L.	Flour mill						Steam	1				Eng.		
†Vallonia Canning Co	Cannery	15	25			50								

VALPARAISO, PORTER COUNTY. (Population, Census, 6,987.)

†Billings, S. C	Bakery	9	2			52,60							B, K	Good.
Bliss Bros.	Bakery	3	1			54							B	Good.
Brown & Kenzie							Steam	1			2	Ins.	H	
†Chautauqua Manufacturing Co	Educational goods	18	6			55	Steam	1				Ins.	B, H	Good.
†Chicago Mica Co	Manufacturing mica	30	45	1		50	Steam	2				S.D., Ins.	A, B, H	Good.
Crisman Bros.	Printing	2				48							B	Good.
Daily Messenger, The	Printing and publishing	4				55	Elec						B	Good.
Daily Vidette, The	Printing and publishing	3	1			48	Elec						B	Good.
†Foster Lumber and Coal Co	Lumber and coal	20				54	Elec							
†Franklin Hotel	Hotel	4	3			63								
†Indiana Steel Products Co	Steel products	14	1			55	Elec						A, F	Fair.
†Lowenstine, J. & Sons	Department store	20	20	3		54							B	Good.
†Lyric Theatre	Moving pictures	2	3			13								
†McGill Manufacturing Co	Electrical supplies	40	14			45,50	Elec						A, K	Good.
†Memorial Opera House	Theatre	2	2											
†Mitchell Bros.	Grocery and bakery	5				50							B, K	Good.
†Northwestern Indiana Telephone Co	Telephone	14	35			48,54								
Parker, C. H. Co	Manufacturing varnish	7	3			50							B	Fair.
Pinter, Henry J.	Manufacturing cigars	3				48							B	Good.
*Pitkin & Brooks	Cut glass	52	9		1	54,55	Steam				1	Ins.	A, H, K	Good.
Porter County Court House	Court house						Steam				3	Ins.	H	

VALPARAISO, PORTER COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Purdy, S. G. & Son	Hotel and restaurant	6	3			63								
†Specht-Finney & Skinner Co	Department store	25	35			65							B, K	Good
Stiles, Mary							Steam				1	Ins	H	
†Talcott's Laundry	Laundry	2	7		1	54	Steam	1				S. D	H	
Up-to-Date Garage	Garage	4				60							B	Good
‡†Up-to-Date Laundry	Laundry	5	8			52	Steam	1				S.D.,Eng	H	
Urbahns, A. W	Manufacturing cigars	3				48							B	Good
Valparaiso City School	School						Steam			1		Ins	H	
†Valparaiso Hand Laundry	Laundry	3				52	Steam					S. D		
†Valparaiso Home Water Co	Water	5				84	Steam	2				S.D., Ins	H	
†Valparaiso Light Co	Lighting	15	3			60	Steam	2				S.D., Ins	H	
‡Valparaiso Pure Dairy Product Co	Dairy products	3					Steam	1				S.D., Ins	H	
†Valparaiso and Northern Railway Co	Interurban	15				70								
†Vaudette Theatre	Moving pictures	4	2			20								
Wade & Wise	Job printing	8	2			59							B	Good
Zold, Louis	Department store	2	5			64							B, K	Good

VAN BUREN, GRANT COUNTY. (Population, Census, 1,189.)

†Boss Pulling Machine Co	Oil well supplies	9				60	Elec							
†Boston Store	General store	4	1			60								
‡Lozier Spray Co	Spray pumps						Steam	1				S. D	H	
*Sullivan, J. H. & Co	Saw mill	10				60	Steam	1				S. D	H	

VEEDERSBURG, FOUNTAIN COUNTY. (Population, Census, 1,757.)

Adams Brick Co	Brick						Steam	2				S.D., Ins	H	
Farmers' Milling and Elevator Co	Grain elevator	3					Steam	1				S.D.,Eng		
Furr, Jas. A	Drain tile ,saw mill	4					Steam	1				S.D.,B.M.	H	

*Glover Dry Goods Co	Dry goods	4	3			60								
*Martin, J. W	Planing mill	10				60	Steam	1				S.D., Ins.	H	
Veedersburg Handle Factory	Manufacturing handles	5					Steam	1				S. D	H	
Veedersburg Light and Water Co	Municipal	3					Steam	2				S.D., Ins.	H	
Veedersburg Machine Works	Machine shop	1					Steam	1				S.D.,B.M.		
†Wabash Clay Co	Clay products	125				60	Steam		2	4		S.D., Ins.	H	

VERA CRUZ, WELLS COUNTY. (Population, Census, 133.)

Riverside Milk Condensing Co	Condensing milk	4					Steam	2				S. D		

VERMONT, HOWARD COUNTY. (Population, Census, 40.)

Morrison & Thompson	Grain elevator	2					Steam	1				S.D.,Eng.	H	

VERNON, JENNINGS COUNTY. (Population, Census, 453.)

Brewers Novelty Works	Novelties	2					Steam	1				S.D.,Eng.		
†Reed & Rogers Manufacturing Co	Swings	25				60	Steam	1				S.D.,Eng.	A, B, H	Good
‡Vernon Roller Mills	Flour mill	3					Steam	1				S. D		
Vernon Water Works	Water	2				54	Steam	1				S. D	B, H	Good

VEVAY, SWITZERLAND COUNTY. (Population, Census, 1,256.)

†Culbertson Bros	Flour mill	7	1			50,60	Steam	1				Ins	H	
†Lyric Theatre	Picture show	2	1			5								
†Union Furniture Co	Furniture	50				60	Steam	1				S.D.,Eng.		
Vevay Flour Mill	Flour mill						Steam	1				Eng		
Vevay Reville	Printing and publishing						Steam	1				Ins		
Vevay Light and Water Co	Light and water						Steam	2				Ins	H	

VICKSBURG, GREENE COUNTY. (Population, Census, 200.)

Western Indiana Mining Co	Mining coal						Steam	7				Ins		

VINCENNES, KNOX COUNTY. (Population, Census, 14,895.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Anderson-Theobold Co	Gravel pit						Steam			1		Ins		
†Baltic Mills	Flour mill	22	1			60	Steam	1				Eng		
†Bey, John N	Wholesale grocery	19	1			48,60								
†Bierhaus Bros	Wholesale grocery	12	3			60	Steam				1	Ins	B, D	Good.
†Bierhaus, E. & Sons	Wholesale grocery	19	1			48,60								
†Blackford Window Glass Co	Window glass	185				40,60	Steam	4				S.D., Ins	H	
†Boeckman Hardware Co	Hardware	4	1			50,63								
†Bosworth, M. A	Planing mill	10				54								
†Bratton, J. Frank	Grocery	5	1			72								
†Brocksmith & Bouvy	Grocery	4	1			50,63								
†Brokhage, H. & Sons	Dry goods, etc	4	5	1		48,58								
Brooks, L. & Son	Grain elevator	5				60							A, D	Good.
†Buck & Boyd Co	Plumbing, etc	11	1			54							B	Good.
†Central Foundry Co	Foundry	160	2			60	Steam	2				Ins	H	
Chatard, Bishop							Steam			1	1	Ins	H	
†Citizens Ice and Cold Storage Co	Manufacturing ice	5				72	Steam	2				Ins		
†City Electric Lighting Co	Light and power	13	1			54	Steam	5				Ins	A, H	Good.
†City Ice and Coal Co	Ice and coal	8	1			60								
City of Vincennes	City building						Steam				1	Ins	H	
City of Vincennes	High school						Steam	2				Ins	H	
City of Vincennes	Second and Indianapolis Streets						Steam	1				Ins	H	
City of Vincennes	Central school						Steam	1				Ins	H	
City of Vincennes	High school						Steam				1	Ins	H	
City of Vincennes	East End school						Steam				1	Ins	H	
City of Vincennes	No. 8 school						Steam				1	Ins	H	
City of Vincennes	South End building						Steam			1		Ins	H	
†Colenbaugh, L. P. & Co	Wholesale confectioner	6	1			48,60								
†Collins, Produce Co	Produce	5				59								
County of Knox	Court house						Steam			2		Ins	H	
County of Knox	Jail						Steam			1		Ins	H	
County of Knox	Poor farm						Steam			1		Ins	H	
†Crotts, A. V	Job printing	5	2	1	1	48	Elec						A	Good.
†Crystal Laundry	Laundry	3	10		4	54	Steam	1						

†Dyer Packing Co	Cannery	49	28			60	Steam	3				Ins	A, C, D	Good.
†Ebner Ice and Cold Storage Co	Ice and cold storage	56	4			60	S. & E		3			Ins	A, D, H	Good.
†Emison, J. & S	Flour mill	20	2			60	Steam	1				Eng.,Ins.	H	
†Empire Hotel	Hotel	6	4			72								
Empire Paper Co	Paper						Steam		6			Ins	H	
†First National Bank	Banking	13	1			48								
†Flint, W. A. Co	Department store	27	23	2		52,70								
†German National Bank	Banking	13	1			48								
†Gimbel, Haughton & Bond	Department store	13	15	1	2	57,60							B	Good.
*Grand Hotel Co	Hotel	11	15	3	3	54								
†Hack & Simon	Brewery	40				48,60	Steam	3				Ins	A, D, H	Good.
Harper, S. H	Dry cleaning	4				54							A, B	Good.
†Hartman Manufacturing Co	Agricultural implements	30	2			45,50	Steam	1				Ins	A, H	Good.
Herschell, J. T	Machine shop	3				54	Elec						A, B	Good.
Hitt Printing and Stamp Co	Printing, rubber stamps	2	1			60	Elec						A, B	Good.
†Hotel Kaiserhof	Hotel	4	7			56								
Indiana Board and Filler Co	Box board						Steam	6				Ins		
Indiana Corrugated Paper Box Co	Corrugated boxes	6	18			60	Steam	1				Ins	A, B, C	Good.
†Ivory Steam Laundry	Laundry	3	13			60	Steam	1				Ins	H	
Johnson Auto Co	Auto repairs	10				48,60	Elec						B	Good.
†Joseph & Walk	Clothing	3	2	1		63,60								
Knox County Hospital	Hospital						Steam				1	Ins		
Knox County Lumber Co	Lumber	10				54	Steam	1				Eng		
†Kohinoor Laundry	Laundry	6	32		2	53	Steam	1				Ins		
†Kuhn, B. & Co	Dry goods	3	8	2		57								
†Lyons, S. & I. Co	Department store	7	14			54,60							D	Good.
Maley & Wertz	Saw mill						Steam	1				Ins		
Maxwell Motor Car Co	Autos and repairs	2				72							B	Good.
Mellfresh, F. D	Auto repairs	3				60								Good.
Meyers Bakery	Bakery	2	1			54								Good.
*Miller, C. S	Drugs, etc	3	3	1		78								
†Murphy Distilling Co	Distillery	40				60	Steam	1	2			Ins	A,B,D,H	Good.
†National Rolling Mill Co	Rolling mill	348	2			60	Steam	5	4			Ins	H	
†O'Donnell, C. B., Jr	Meat packers	17	1		1	57	Steam	1				Ins	B, D, H	Good.
†Old Vincennes Distilling Co	Distillery	40				60	Steam		6	1		Ins	H	
†Planke Bros	Bakery	5				60								
Prullage, John B	Brick yard						Steam	2				Ins		
Quisenberry, J. L							Steam	1				Ins	H	
Reckers Bottling Works	Carbonated beverages	4				60							A, D	Good.
†Saiter, Morgan Co	Hardware	5	4			58,64								
Scholler, G. G	Barrels	6				54							B, D	Good.
†Simpson, W. M., Lumber Co	Lumber	35	3			53,60							A	Good.
†Sowden, J. H	Plumbing	8				54								
Standard Oil Co	Oil station						Steam			1		Ins	A, H	Good.
Star Bakery, The	Bakery	2	1			48							B	Good.
Star Bottling Works	Carbonated beverages	2				60							B	Good.
†Star Distilling Co	Wholesale and retail liquors	5				56								
Thurgood, J							Steam	1				B. M		
†Union Depot Hotel Co	Hotel	30	13	2		48,54	Steam				1	Ins	H	
†Vance-Winans Co	Ladies' ready-to-wear garments	7		1		56½								

VINCENNES, KNOX COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
†Vincennes Bridge Co	Structural steel	294	4			54,60	Steam	1				Ins	A, H	Good.
†Vincennes Capitol	Newspaper	7	1			48								
†Vincennes Commercial	Newspaper	13	2			48								
†Vincennes Electric Co	Light and power	10	2			48,54	Steam	5				Ins	A, H	Good.
†Vincennes Foundry and Machine Co	Foundry and machine	20				54	Steam	1				B. M		
†Vincennes Furniture Manufacturing Co	Furniture	75				60	Steam	2				Ins	A, H	Good.
†Vincennes Gas Company	Distribution natural gas	6	2			54,60								
Vincennes Milk Condensing Co	Condensing milk						Steam	1				Ins		
†Vincennes Motor Manufacturing Co	Auto repairs	8				60								
Vincennes Novelty Co	Jewelry	3	1			59							A, B	Good.
Vincennes Sanitary Co	Fertilizers						Steam	2				Ins		
†Vincennes Sash and Door Co	Sashes and doors	10				60	Steam	1				Ins	H	
†Vincennes Traction Co	Traction	39				84	Steam		2			Ins	B, H	Good.
†Vincennes Tractor Co	Gas engine tractors	6	1	1		58	Gas							
*Vincennes Transfer and Storage Co	Transfer and storage	8	1			48,54								
†Vincennes Water Supply Co	Water	6	1			70	Steam		2			Ins	H	Good.
†Weed-Boeckman Hardware Co	Hardware	4	1			74								
†Western Sun, The	Printing and publishing	5	1		1	48	Elec						B, D	Good.
†Williams, Henry M	Machine shop	6	1	2		54							K	Good.
Y. M. C. A	Y. M. C. A						Steam				2	Ins	H	
Yunghaus, E. H	Cigars	6				48							B	Good.

WABASH, WABASH COUNTY. (Population, Census, 8,687.)

†Aukerman & Bright	Saw mill	9	1			57							A	Good.
†Beitman-Wolf & Co	Department store	9	9			53,57								
†Bradley Bros	Drugs	17	3	3		58,75								
†‡Cardinal Cabinet Co	Kitchen cabinets	32	2	3		59,60	S. & E	1				Ins	B. E	Good.
C. C. C. & St. L. Railroad Co	Car shops						Steam		2	1		B. M	A, H	Good.
†Conner, Chas. N. & Co	Department store	1	4			57,60								
†Diehl, G. M., Machine Works	Machine shop	21	2			55	Elec						A	Good.
Eel River Creamery Co	Creamery	7	1			60	Steam	1				S. D	B, H	Good.

†Harsh-Miller Manufacturing Co	Saddlery, carriages, etc	6	6			55	Elec							Good.
†Hipskind Heating and Plumbing Co	Heating and plumbing	8	1			48,54								
Hipp, C. H	General repairing	2				60							A	Good.
†Holderman, Ernest H	Dry goods	3	11											
†Home Telephone Co	Telephone	11	26		4	54								
†Honeywell Heating Specialty Co	Heating, etc	10	4			44,52								
King, F. W. & Son	Elevator	3				54								Good.
Kothe, Wells & Bauer Co	Wholesale grocery	5	1			54							B	Good.
†Logan Theatre	Moving pictures	6												
†Merchants Skirt Co	Manufacturing skirts	1	9			54							B	Good.
†Model Bakery	Bakery	6	1	1		42,54								
†National Hotel	Hotel	1	4			60								
*New Golden Rule	Dry goods	3	6			54,60								
†New, J. & Son	Dry goods, etc	6	10			57,63								
†Pike, D. A	Saw mill	20				60							A, B	Good.
†Plain Dealer, The	Printing and publishing	11	4			48							A, B	Good.
Rettig, F. J. & Sons	Machine shop	4				60							A	Good.
†Rock City Restaurant	Restaurant	6	9			42,70								
‡†Service Motor Car Co	Motor trucks	57	1			50,58	Steam	1				S. D	A, B	Good.
Simon-Cook Co., The	Junk	4				59	Elec							Fair.
Smith, C. E	Feed mill	2				66							B	Good.
†Smith-Hubbard Co	Planing mill	7	1			54	Elec							
‡Summerton, G. W	Flour mill	1					Steam	1				S. D		
Tilman Model Bakery	Bakery	6	1			54							A	Good.
Tremont Bakery	Bakery	2	2			70							B, G	Fair.
†‡Tremont Hotel	Hotel	10	9			63,73	Steam				1	S. D	H	
Troy Steam Laundry	Laundry	3	5			55							A, B, C	Good.
United Box Board Co							Steam		10			S.D., Ins	A, B, H	Fair.
*U. S. Button Co	Pearl button blanks	35				60	Elec						B, K	Fair.
Wabash Artificial Ice Co	Manufacturing artificial ice	5					Steam	2				S.D., Ins	H	Good.
Wabash Baking Co	Bakery	3	1			54	Gas						B	Good.
†Wabash Baking Powder Co	Manufacturing baking powder	8	25			54	Elec						B, H	Good.
†Wabash Cabinet Co	Manufacturing cabinets	165	23			59	Steam		1			S.D., Ins	H	
†Wabash Canning Co	Cannery	50	25	10	5	60	Steam	2				S. D		
Wabash City Garage	Auto repairing	2				60							A	Fair.
Wabash Coating Mills	Paper coating	45	11			60,72							A	Good.
†Wabash County Loan and Trust Co	Loan and trust	4	2			48								
†Wabash Delivery Co	Delivery	9				60								
†‡Wabash Foundry and Machine Co	Foundry and machine	50				58	Steam	1				S. D	A, H	Good.
†Wabash Ice Delivery Co	Ice delivery	4	1											
Wabash Milling Co	Flour and feed	4				54								Good.
†Wabash National Bank	Banking	7	2			48								
Wabash Steam Laundry	Laundry	3	6			54	Steam	1				S.D., Ins	A	Good.
†Wabash Times-Star	Printing and publishing	6	6		3	45,52								
†Wabash Water and Light Co	Water and light	21	2			54,60	Steam	2	3			S.D., Ins	H	Good.
†Walter, B. & Co	Table slides	25	1	3		45,55	Steam	1				S.D., Ins	A, H	Good.
Woolworth, F. W. Co	Five and ten cent store	2	8			55							B	Good.
†‡Yarnelle Lumber Co	Lumber	10				60	Steam	1				S. D	H	Good.

WADENA, BENTON COUNTY. (Population, Census, 130.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Wadena Grain Co.	Grain elevator						Steam	1				Ins.	H.	

WAGNER, MIAMI COUNTY. (Population, Census, 105.)

†‡Baker, Levi	Saw mill	7				60	Steam	1				S. D.		

WAKARUSA, ELKHART COUNTY. (Population, Census, 895.)

Weldy, Jacob							Steam	1				Ins.	H.	

WALKERTON, ST. JOSEPH COUNTY. (Population, Census, 1,003.)

B. & O. Railroad	Pumping station	2					Steam			1		S.D.,B.M.		
†Central Cut Glass Co.	Cut glass	50	15	7	3	44,54	Steam	1				S.D.,Eng.		
C. I. & S. Railroad	Pumping station	1					Steam			1		S.D.,B.M.		
City Water and Light plant	Water and light	2					Steam	2				S.D., Ins.		
‡Holser, B. I. & Co.	Grain elevator	2	1			60	Steam	1				S. D.	A.	Good.
Hardenbrook, Verne	Bottling works	5					Steam	1				S. D.	H.	

WALNUT, MARSHALL COUNTY. (Population, Census, 141.)

‡Noftsger, B.	Elevator	2					Steam	1				S. D.		

WALTON, CASS COUNTY. (Population, Census, 579.)

‡McFadden, Leander	Grain elevator	3				60	Steam	1				S. D	A, H		Good.
Ruth, M	Bakery	2				60							B, G		Good.
Walton Elevator Co	Grain elevator	4				60	Steam	1				S.D., Ins.	B, H		Good.

WANATAH, LAPORTE COUNTY. (Population, Census, 750.)

C. I. & L. Railway Co	Pump station	1					Steam			1		S.D.,B.M.			
Pennsylvania Railroad Co	Pump and coal dock	10					Steam			2		S.D.,B.M.			

WARREN, HUNTINGTON COUNTY. (Population, Census, 1,189.)

†Keller, Chas	General store	5	5			72									
Myers & McKiney	Saw mill						Steam	1				Ins			
Warren Light and Water Co	Light and water						Steam	2				Ins	H		
‡Worcester & Mills	Drain tile						Steam	1				S. D			

WARSAW, KOSCIUSKO COUNTY. (Population, Census, 4,430.)

Big Four Elevator	Grain elevator	4				60	Elec						B		Fair.
Beyer Bros	Poultry, etc					60							B		Good.
Chapman, C. W	Manufacturing cigars	6	2			48							B		Good.
Collins, John & Son	Ice cream, etc	3				60	Elec						A, B		Good.
†Commercial Telephone Co	Telephone	7	10		2	57,60									
†Conrad, Earl W	Vehicles	15	10			50,60									
‡*Cook, W. H. & Co	Saw mill	10				60	Steam	1				S. D			
†‡Cruikshank Bros. Co	Cannery	15	30			60	Steam	2				S.D.,B.M.			Good.
†Dalton Foundry	Foundry	70				60	Elec						A, B		Good.
De Puy Manufacturing Co	Wire splints	9	2			55	Elec						B		Good.
†Dickey & Sons	Dry goods	1	8			51									
*Favorite Cafe	Restaurant	6													
Foulke, J. B	Bakery	4				60	Elec						B		Good.
†Hotel Hayes	Hotel	7	10	1	1	56,84									
Hugro Manufacturing Co	Vacuum cleaners	70					Steam	1				S.D.,Eng.			
†Kingery & Myers	Dry goods	2	4			50,60									
†Kline & Peters	Bakery	5				60									Good.
Kosciusko County	Court house						Steam				2	Ins	H		
Kosciusko County	Infirmary						Steam	2				Ins	H		
Little Crow Milling Co	Flour and feed	5				60	Elec						A, B		Good.

WARSAW, KOSCIUSKO COUNTY—Continued.

Name or Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
‡*Maish Manufacturing Co	Foundry and machine	20				60	Steam	1				S.D.,Eng.	B	Fair.
†Miner Lumber Co	Lumber, saw mill	7				60	Steam	1				S. D.	H	
Oldfather, Annie E	Grist mill						Steam	1				Ins	H	
*Oram, Harry	Vehicles	20				60	Elec						B	Fair.
†Peterson Lumber Co	Lumber	7				50								
†Phillipson Tailoring Co	Merchant tailor	6	2			60								
†Polk, G. W	Livery	6				60								
†Red Cross Store	Druggist	3	3			48								
*Richardson Dry Goods Co	Dry goods	9	14			57,63								
†Royal Theatre	Picture show	1	1			18								
†Smith Milling and Grain Co	Flour and feed	4	1			54,60	Steam	1				S. D		
†Smith Printery	Printing	10	6			54								
†State Bank of Warsaw	Banking	6				48								
Troy Laundry Co	Laundry	3	12				Steam	1				Ins., S.D.	H	
Warsaw Daily Union, The	Printing and publishing	8	5			53½	Elec						A, B	Good.
‡Warsaw Elevator Co	Grain elevator	3	1			60	Steam	1				S.D.,B.M.		Good.
*Warsaw Gas Co	Gas	14	1			54,60	Steam	1		1		S.D., Ins.	H	
†Warsaw Overall Co	Overalls	66	8			48	Elec							
†Williams, Rube & Sons	Printing and publishing	9				53	Elec						B	Good.
†Winona Electric Light and Water Co	Light and water	13	1			48	Steam	3				S.D., Ins.	B, H	Good.
†Winona Interurban Railway Co	Interurban railway	168	2			48,50	Steam	4				S.D., Ins.		
Yost, W. B	Manufacturing cigars	9	2			48								Good.

WASHINGTON, DAVIESS COUNTY. (Population, Census, 7,854.)

†American Steam Laundry Co	Laundry	4	12			50	Steam	1				Ins	A, B, H	Good.
B. & O. S. W. Railway Co	Car repair shop						Steam		3			Ins	A, D, F	Good.
Biddinger Bros	Auto repairs	2				60	Elec						A, D	Good.
†Blackwell Bros	Hotel	3	10			56								
†Boston Store	Dry goods, etc	6				54								
†Cabel and Kauffman Mer. Co	Department store	26	20			60	Elec						A, D	Good.

Citizens Light and Fuel Co	Light and fuel						Steam	1				Ins		
†Clore, Wm. H., Manufacturing Co	Implements	30				60	Steam	2				Ins	H	
Coco Cola Bottling Co	Carbonated beverages	4				54	Elec						A, B	Good
†Crescent Theatre	Picture show	1				15								
†Daviess County Coal Co	Mining coal	85				48								
†Democrat, The	Printing and publishing	8				48	Elec						B	Good
†Denver, Frank	Machine shop	5				54								
Ebner Ice and Cold Storage Co	Ice and cold storage						Steam	3				Ins	B, H	Good
†Gazette and Herald Co	Newspaper	5	1	1		48								
*Godwin, George	Dry goods, etc	4	1			48,60								
Goshorn, Jesse	Feed and grain	3				60	Elec						A, B	Good
Hart & Edmonston	Ice cream	2	1			48							A, B	Good
†Hatfield & Palmer Co	Hardware	20	2			45,60								
Hincher Manufacturing Co	Coat hangers, etc	51	5			60	Steam	1				Ins	A, B, H	Good
†Hote Jefferson	Hotel	2	4			50,70								
†Hyatt Hotel	Hotel	2	7			60								
Jones, Miles	Vehicle repairs	2				60	Elec						A, B	Good
†Kidwell, C. A	Barber	6				62								
†Kretz, Joseph	Brick	10				60	Steam	1				Eng	A	Good
†McDougal & Co	Dry goods	1	7			57,63								
Merchants Baking Co	Bakery	3				48	Elec						B	Good
Mortin Bros. & Co	Concrete blocks	4				60								Good
*Murdock Lumber Co	Saw mill	20				59	Steam	2				Ins	A	Good
†Neal & Eskridge	Department store	16	11			56,62								Good
†O'Donnell-Burrows-Cochran Co	Hardware	20	3			60								
Ridgeway, S. A	Bakery	2	2			60	Elec							Good
†Riverside Coal Co	Mining coal	35				48	Steam							
*Rogers Broom Co	Brooms	5	4			52	Elec						C	Good
Smith, W. S	Brooms	2				54	Gas						A	Good
Snider, T. A., Preserve Co	Preserving						Steam	1				Ins	H	
†Spink Milling Co	Flour mill	4	1			54,60	Steam	1				Ins	H	
Star Bakery	Bakery	3	1			54	Elec						B	Good
Walker & Norris	Flour and feed	5				54	Steam	1				Ins	A, H	Good
Washington Light and Power	Municipal	6				56	Steam	4				Ins	A	Good
†Washington Water, Light and Power Co	Water, light, etc	10	1			54,84	Steam	3				Ins	B, H	Good
Webster Lumber Co	Saw mill	12				60	Steam	1				Eng	A	Good

WATERLOO, DE KALB COUNTY. (Population, Census, 1,167.)

Beck, G. J	Bakery	2				60								Good
Beyer Bros	Poultry, etc					60							B	Good
‡Blucher, Daniel	Saw mill	4					Steam	1				S. D		
‡Bowman, S. A	Handles	10					Steam	1				S. D		
Indiana Utilities Co	Light and power	2					Steam	2				S.D., Ins		
L.-M. Cigar Co	Manufacturing cigars	2	4			54							B	Good
L. S. & M. S. Railway Co	Pumpstation	1					Steam			1		S.D.,B.M.		
Leas, D. L	Grain elevator	2				60	Gas						B	Good

WATERLOO, DE KALB COUNTY—Continued.

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Nodine, W. J.	Flour mill						Steam	1				Eng.		
North Side Bakery	Bakery	3				60	Elec.							Good.
‡Waterloo Bending Co	Wagon stock, etc	6				60	Steam	1				S.D.,Eng.	B	Good.
Waterloo Milling Co	Flour mill	3					Steam	1				S. D.		
Waterloo Press	Printing and publishing	2	2			60								Good.

WAVELAND, MONTGOMERY COUNTY. (Population, Census, 676.)

‡Hedrick, Wm	Saw mill	10					Steam	1				S. D.		

WAWAKA, NOBLE COUNTY. (Population, Census, 334.)

Frick, J	Saw mill						Steam	1				Eng.		

WAYNETOWN, MONTGOMERY COUNTY. (Population, Census, 734.)

Boldt & Son	Flour mill	4					Steam	1				S.D.,Eng.	H	
Charters, V. C.	Saw mill	8					Steam	1				S.D.,Eng.	H	
‡Waynetown Electric Light Co	Electric light	2					Steam	1				S. D.		
Waynetown Grain Co	Grain elevator	2					Steam	1				S.D.,Eng.		

WAYNESVILLE, BARTHOLOMEW COUNTY. (Population, Census, 125.)

Ross Bros. Lumber Co	Saw mill						Steam	1				Ins.		

WELLSBORO, LA PORTE COUNTY. (Population, Census, 90.)

†Lipsey & Co	Grain elevator	7				60	Steam	2				Eng.,S.D.		

WEST BADEN, ORANGE COUNTY. (Population, 746.)

†Baden Lick Sulphur Springs Co	Hotel	12	5			84								
†Ballard Milling and Elevator Co	Flour mill	9				60	Steam	3				Ins		
†Bunger, W. E	General merchandise	5	2			72								
†Homestead Hotel Co	Hotel	13	15			60								
†Hotel Waddy	Hotel		1			60								
†Majestic Theatre	Picture show	2	1			14								
†Oxford Hotel	Hotel	2	3			63								
†Rice Hotel	Hotel	3	2			48								
†Ritter House	Hotel	1	3			56								
†Sutton Hotel	Hotel	10	13	2	5	48								
†West Baden Springs Co	Hotel	132	39			56	S. & E.	3	3	2		Ins	H	
†West Baden Springs Opera House	Theatrical	6				60								
†West Baden Steam Laundry	Laundry	3	7			48								
West Baden Water, Heat, Light & Power Co.	Heat, Light and power						Steam	2				Ins		

WESTFIELD, HAMILTON COUNTY. (Population, 700.)

Furnas, R. W., Ice Cream Co	Creamery						Steam	1				Ins., S.D.	H	
Goodrich Bros. Hay and Grain Co	Hay and grain						Steam	1				Ins., S.D.	H	
Talbert, O. E. & Co							Steam	1				Ins., S.D.	H	
‡Van Camp, Geo. & Son	Canning factory						Steam	1				B.M.,S.D.		

WEST HARRISON, DEARBORN COUNTY. (Population, 281.)

Kiewit, Arnold	Flour mill						Steam	1				Eng.,S.D.		
Snider, T. A., Preserve Co							Steam	1		1		Ins	H	

WEST LAFAYETTE, TIPPECANOE COUNTY. (Population, Census, 3,867.)

Purdue University	College						Steam		5			Ins	H	
West La Fayette Water Works	Water works						Steam	2				Ins		

WEST LEBANON, WARREN COUNTY. (Population, 642.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Cadwallader, Ira	Grain elevator						Steam	1				Ins	H	
†Hamar, Alex	Manufacturing drain tile	5				60	Steam	1				Ins		
West Lebanon Grain Co	Grain elevator						Steam	1				Ins	H	

WEST MIDDLETON, HOWARD COUNTY. (Population, 202.)

‡West Middleton Mill and Elevator Co	Flour mill						Steam	1				B.M.,S.D.		

WEST MONTEZUMA, VERMILLION COUNTY. (Population, —.)

Burns & Hancock Fire Brick and Clay Co	Manufacturing fire brick						Steam	2				Ins		

WESTPHALIA, KNOX COUNTY. (Population, 175.)

Clodfelder, R. L. & Son							Steam	1				Ins	H	

WEST POINT, TIPPECANOE COUNTY. (Population, 287.)

Crabbs, Reynolds, Taylor Co							Steam	2		1		Ins	H	

WESTPORT, DECATUR COUNTY. (Population, 675.)

†Westport Stone Co	Stone quarry	50				60	Steam			4		B.M.,S.D.		
†Westport Union Stone Co	Stone quarry	8				60	Steam			1				
†Williams, T. W	Saw mill	5				60	Steam			1				

WEST TERRE HAUTE, VIGO COUNTY. (Population, Census, 3,083.)

Deep Fourth Vein Co	Mining coal						Steam	4				Eng		
Fauvre Coal Co	Mining coal						Steam	3				Eng		
Lower Vein Coal Co	Mining coal						Steam	1				S. D		
†McIlroy, Harry	Grocery	7	2			70,64								
†Wizard Coal Co	Mining coal	200				48	Steam	3				Ins	H	

WEST UNION, PARKE COUNTY. (Population, 42.)

Rohm Bros	Flour mill						Steam	1				Ins	H	

WESTVILLE, LAPORTE COUNTY. (Population, 503.)

Brewer, A. M	Saw mill						Steam			1		S. D		

WHEATLAND, KNOX COUNTY. (Population, 425.)

†Washington-Wheatland Coal Co	Mining coal	125				48	Steam	3				Ins		

WHITELAND, JOHNSON COUNTY. (Population, 343.)

Whiteland Canning Co	Canning factory						Steam	4				Ins	H	
Young, John C							Steam	1				Ins	H	

WHITESTOWN, BOONE COUNTY. (Population, 700.)

Herdrick Bros	Saw mill	6					Steam			1		S. D	H	
Jenkins & Cohee	Grain elevator	3					Steam	1				Ins., S. D.	H	

WHITEVILLE, MONTGOMERY COUNTY. (Population, 110.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Weeks, John	Grain elevator						Steam	1				Ins		

WHITING, LAKE COUNTY. (Population, Census, 6,587.)

†Fischer, L. Co	Planing mill	16				54	Elec							
*Frankowski, Otto	Bakery	6				60								
Neyda & Greenwald	Contractors						Steam			2		Ins		
†Petrolene Co	Manufacturing floor coverings	15	1			48	Steam	1				Eng.,S.D.		
†Standard Oil Co	Oil	2,527	40	24	1	54	Steam	51				Eng.,S.D.	A, H	Good
Westrumite Co	Manufacturing asphalt, etc	19	1			48,54	Steam	1				S. D	J	Fair
White Eagle Bakery	Bakery	7				60							B, G, K	Fair
†Whiting Laundry	Laundry	5	17		4	54	Steam	1				Ins., S.D.	A, H	Good
Whiting Call	Newspaper	2	1			48							B, J	Good

WILLIAMS, LAWRENCE COUNTY. (Population, 200.)

Southern Indiana Power Co							Steam		8			Ins	H	

WILLIAMSPORT, WARREN COUNTY. (Population, 1,243.)

†Carlson & Sons	General merchandise	9				60								
†Carmichael, Wm. P.	Sand and gravel	20				45	Steam	2				S. D	H	
County of Warren	Court house						Steam			2		Ins		
County of Warren	Poor farm						Steam				1	Ins	H	
Town of Williamsport	Water and light						Steam	2				Ins		

WILLIAMSTOWN, DECATUR COUNTY. (Population, 130.)

Milroy Drain Tile Co	Manufacturing drain tile						Steam	2				Ins		

WINAMAC, PULASKI COUNTY. (Population ,Census, 1,607.)

County of Pulaski	Court house						Steam	2				Ins	H	
County of Pulaski	Infirmary						Steam	1				Ins	H	
Democrat, The	Newspaper	3	1			54							A, B	Good.
†Fawley, Geo. B	General merchandise	4	3			54								
Frain Hotel Co	Hotel						Steam			1		Ins		
Grabner, John C	Bakery	2	1			48							G	Good.
National Pickle and Canning Co	Canning factory						Steam			1		Ins	H	
Starr Bros	Grain elevator	3				60								Good.
Town of Winamac	Water and light	3				84	Steam	2				Ins	B, H	
*Williams, F. M. Co	Contracting	10				60							A,B,C,K	Fair.
†Winamac Cement Tile Co	Manufacturing cement tile	7				60								
Winamac Republican	Newspaper	2	2			54,59							A, B	Good.

WINCHESTER, RANDOLPH COUNTY. (Population, 4,266.)

†Boltz, B. F	Manufacturing wood novelties	12				60	Steam	1				S. D		
†Citizens Heat, Light and Power Co	Heat, light and power	9	1			60								
City of Winchester	F. E. Willard school						Steam			2		Ins	H	
†Favorite, Charley	Manufacturing school vehicles	6				60								
†Goodrich Bros. Hay and Grain Co	Hay and grain, etc	19	1			60,48	Steam	2				Ins., S.D.	H	
†Graft, C. V	Milling and grain	8	1			60	Steam	1				Ins., S.D.	H	
Hinshaw & Co	Grain elevator						Steam	1				S. D		
†McNees Hotel	Hotel		4		1	60								
†Miller, W. E. Co	Department store	13	17			60								
Union Traction Co							Steam		4			Ins	H	
Winchester Machine works	Machine shop	2				60							A, D	Good.
†Woodbury Glass Co	Manufacturing bottles	640	10			53	S. & E	5				Ins	H	

WINDFALL, TIPTON COUNTY. (Population, Census, 899.)

Royal Canning Co	Canning factory	180	220				Steam	3				Ins., S.D.	H	
†‡Windfall Grain Co	Wholesale and retail grain	12				60	Steam	1				S. D		

WINGATE, MONTGOMERY COUNTY. (Population, 446.)

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
Crabbs, Reynolds, Taylor Co.	Grain elevator						Steam	2				Ins., S.D.	H.	

WINONA LAKE, KOSCIUSKO COUNTY. (Population, —.)

Winona Assembly	Steam boat						Steam	1				Ins.	H.	
Winona Electric Light and Water Co.	Electric light and water	5				84	Steam		4			Ins., S.D.	A, B, H, J.	Fair.
Winona Interurban Railway Co.	Interurban railway	9				70	Steam		4			Ins.	B, H.	Good.

WINSLOW, PIKE COUNTY. (Population, 923.)

‡Winslow Milling Co.	Flour mill	3					Steam	1	1			S. D.		

WINTHROP, WARREN COUNTY. (Population, 95.)

Winthrop Grain Co.	Grain elevator						Steam			1		S. D.		

WOLCOTT, WHITE COUNTY. (Population, 873.)

Wilkinson & Co.	Grain elevator						Steam	1				Ins.	H.	
†Wolcott Brick and Drain Tile Co.	Manufacturing drain tile	13				60	Steam	1				Ins.		
Wolcott Electric Light Co.	Electric lighting						Steam	2				Ins.		
Wolcott Grain Co.	Grain elevator						Steam	1				Ins.		

WOLCOTTVILLE, LAGRANGE COUNTY. (Population, 627.)

Brown, H. C.	Grain elevator						Steam	1	1			Ins., S.D.		
Grannis, C. O.	Raw furs	7				60	Steam	1	1			S.D., Eng		
‡Morrell Bros	Machine shop						Steam	1				S. D.		
‡Myers, Charles	Saw mill	4					Steam	1				B.M.,S.D.		
Taylor Creamery	Creamery	2					Steam	1				B.M.,S.D.		
Wabash Railway Co							Steam	1				B. M.		
‡Wolcott Cement Products Co							Steam	1				S. D.		

WOLFLAKE, NOBLE COUNTY. (Population, 350.)

‡Thomas Milling Co	Flour mill						Steam	1				S. D.		

WOODBURN, ALLEN COUNTY. (Population, 500.)

Woodburn Brick and Tile Co	Manufacturing brick and tile						Steam	1				Ins., S.D.		
Woodburn Elevator and Milling Co	Mill and elevator	4					Steam	1				Ins., S.D.	H	
Woodburn Lumber Co	Saw and planing mill	4					Steam	1				Ins., S.D.	H	

WOODVILLE, CARROLL COUNTY. (Population, —.)

Wilhelm, John	Grain elevator						Steam	1				Ins		

WORTHINGTON, GREENE COUNTY. (Population, 1,732.)

Dyer, J. M. & Son	Planing mill	4					Steam	1				Ins., S.D.		
†Greene County Telephone Co	Telephone	4	4			60								
Hampton, W. D.	Flour mill	2					Steam	1				S. D.		
Hannum Bros.	Saw mill						Steam	1				S. D.		
Indiana Water and Light Co	Light and water	2					Steam	2				Ins., S.D.	H	
†Jean, C. W. Co	Poultry, etc	40	6			54								
Myers, J. D.	Grain elevator	4					Steam	1				S. D.		
†Williams House	Hotel	1	6			56						B. M.		
*Worthington Brick and Tile Co	Manufacturing brick and tile	8				60	Steam	1				S. D.		
Worthington Laundry	Laundry	2					Steam			1		S. D.		

Name of Firm or Establishment.	Goods Manufactured or Business Engaged in.	Number of Employes.				Work Hours Per Week.	Kind of Power Used.	Steam Power Boilers.					Orders Issued and Complied With.	General Sanitary Conditions.
		Males.	Females.	Boys Between 14 and 16.	Girls Between 14 and 18.			Horizontal Tubular.	Water Tubes.	Vertical and F. B.	Cast Iron Sectional.	Boilers Inspected and by Whom.		
YEDDO, FOUNTAIN COUNTY. (Population, Census, 225.)														
Glasscock Grain Co	Grain elevator	1					Steam	1				S. D.		
Smith, John W	Saw mill	3					Steam	1				B.M.,S.D.	H	
YORKTOWN, DELAWARE COUNTY. (Population, 1,000.)														
†Skillen-Goodin Glass Co	Manufacturing bottles	162	6	8	3	54	Steam	2				Ins	H	
†Union Fiber Co	Manufacturing insulating material	24	1			60,72	Steam	5				Ins	H	
Yorktown Milling Co	Flour mill						Steam	1				Ins		
YOUNGSTOWN, VIGO COUNTY. (Population, 110.)														
Terre Haute Creamery Co	Creamery						Steam	1				Ins	H	
ZANESVILLE, ALLEN COUNTY. (Population, 314.)														
‡Keplinger, Chas	Flour mill						Steam	1				S. D		
ZIONSVILLE, BOONE COUNTY. (Population, 840.)														
Zionsville Water and Electric Light Co	Water and light						Steam	2				Ins		
ZULU, ALLEN COUNTY. (Population, 150.)														
Sperry Manufacturing Co	Saw mill						Steam	1				Ins	H	

WATER CRAFT INSPECTIONS, OCTOBER 1, 1912, TO SEPTEMBER 30, 1913.

Office Number.	Date of Inspection.	Owner or Owners of Craft.	Person in Charge.	Name of Craft.	Steam, Gasoline or Electricity.	Name of Inspector.	Conditions and Recommendations.
1	Aug. 20, 1913	G. R. Finney	G. London	East Side May	Gasoline	W. Fitzpatrick	Safe and in good condition.
2	Aug. 20, 1913	G. R. Finney	G. R. Finney	Carol	Gasoline	W. Fitzpatrick	Safe and in good condition.
3	Aug. 20, 1913	W. Crook	W. Crook	Peerless	Steam	W. Fitzpatrick	Safe and in good condition.
4	Aug. 20, 1913	W. Crook	S. Belt	Roy McGetrick	Gasoline	W. Fitzpatrick	Safe and in good condition.
5	Aug. 20, 1913	W. Crook	W. Tarleton	Charlene	Gasoline	W. Fitzpatrick	Safe and in good condition.
6	Aug. 21, 1913	Brand & Harter	Brand & Harter	Bass	Gasoline	W. Fitzpatrick	Safe and in good condition.
7	Aug. 1, 1913	W. J. Smith	H. Harris	Comet	Gasoline	W. Fitzpatrick	Safe and in good condition.
8	Aug. 5, 1913	B. D. Bowers	B. D. Bowers	Caroline	Gasoline	W. Fitzpatrick	Safe and in good condition.
9	Aug. 5, 1913	P. Hardy	P. Hardy	Shadow	Gasoline	W. Fitzpatrick	Safe and in good condition.
10	Aug. 5, 1913	C. Olson	C. Olson	Minnetonka	Gasoline	W. Fitzpatrick	Safe and in good condition.
11	Aug. 5, 1913	A. Banerline	A. Banerline	Genette	Gasoline	W. Fitzpatrick	Safe and in good condition.
12	July 4, 1913	T. Boughman	T. Boughman	T. Boughman	Gasoline	W. Fitzpatrick	Safe and in good condition.
13	July 4, 1913	Rome City Boat Co	Boughman and Randel	City of Rome	Steam	W. Fitzpatrick	Safe and in good condition.
14	July 4, 1913	W. Bunck	Buck and Skinner	Summer Days	Gasoline	W. Fitzpatrick	Safe and in good condition.
15	July 4, 1913	W. Triplet	W. Triplet	Triplet	Gasoline	W. Fitzpatrick	Safe and in good condition.
16	July 4, 1913	J. Pauley	J. Pauley	Tramore	Gasoline	W. Fitzpatrick	Safe and in good condition.
17	July 4, 1913	F. Kabisch	F. Kabisch	Lillian	Gasoline	W. Fitzpatrick	Safe and in good condition.
18	Aug. 16, 1913	F. Meyer	J. Meyer	Meyer	Gasoline	W. Fitzpatrick	Safe and in good condition.
19	Aug. 16, 1913	W. True	W. True	W. True	Gasoline	W. Fitzpatrick	Safe and in good condition.
20	Aug. 16, 1913	J. L. Miller	J. L. Miller	John Miller	Gasoline	W. Fitzpatrick	Safe and in good condition.
21	Aug. 16, 1913	H. Page	H. Page	Fairview	Gasoline	W. Fitzpatrick	Safe and in good condition.
22	Aug. 16, 1913	F. F. Kinsey	F. F. Kinsey	Greyhound	Gasoline	W. Fitzpatrick	Safe and in good condition.
23	Aug. 16, 1913	F. Moore	F. Cook	West Side	Gasoline	W. Fitzpatrick	Safe and in good condition.
24	Aug. 16, 1913	V. Goodrich	V. Goodrich	V. Goodrich	Gasoline	W. Fitzpatrick	Safe and in good condition.
25	July 3, 1913	Winona Assembly	A. Cone	Winona	Gasoline	W. Fitzpatrick	Safe and in good condition.
26	July 3, 1913	Winona Assembly	Capt. Pine and Smith	Winona	Steam	W. Fitzpatrick	Safe and in good condition.
27	July 6, 1913	F. Haynes	F. Haynes	Haynes	Gasoline	W. Fitzpatrick	Safe and in good condition.
28	July 11, 1913	M. M. Mishler	M. M. Mishler	Red Wing	Gasoline	W. Fitzpatrick	Safe and in good condition.
29	July 11, 1913	F. J. Boland	F. J. Boland	Marcia	Gasoline	W. Fitzpatrick	Safe and in good condition.
30	July 11, 1913	W. W. Weaver	D. Cutshaw	Benny	Gasoline	W. Fitzpatrick	Safe and in good condition.
31	July 11, 1913	W. W. Weaver	W. W. Weaver	Why Not	Gasoline	W. Fitzpatrick	Safe and in good condition.
32	July 11, 1913	Marine Supply Co	C. Bishop	Marine	Gasoline	W. Fitzpatrick	Safe and in good condition.
33	July 11, 1913	E. C. Rosson	E. C. Rosson	Wawasee	Gasoline	W. Fitzpatrick	Safe and in good condition.
34	July 11, 1913	J. M. Sargent	J. M. Sargent	Falcon	Gasoline	W. Fitzpatrick	Safe and in good condition.
35	July 11, 1913	M. Sargent	T. Echart	Mystic	Gasoline	W. Fitzpatrick	Safe and in good condition.
36	July 11, 1913	J. M. Sargent	C. Rentfrow	Ripple	Gasoline	W. Fitzpatrick	Safe and in good condition.
37	July 11, 1913	E. Brakes	E. Brakes	Lady of the Lake	Gasoline	W. Fitzpatrick	Safe and in good condition.
38	July 11, 1913	J. Bruck	J. Bruck & Son	City of Webster	Gasoline	W. Fitzpatrick	Safe and in good condition.
39	July 12, 1913	J. Smith	J. Smith	Mermaid	Gasoline	W. Fitzpatrick	Safe and in good condition.
40	July 12, 1913	W. M. Balsley	W. M. Balsley	Ina	Gasoline	W. Fitzpatrick	Safe and in good condition.

WATER CRAFT INSPECTIONS, OCTOBER 1, 1912, TO SEPTEMBER 30, 1913—Continued.

Office Number.	Date of Inspection.	Owner or Owners of Craft.	Person in Charge.	Name of Craft.	Steam, Gasoline or Electricity.	Name of Inspector.	Conditions and Recommendations.
41	June 24, 1913	F. Myers	F. Myers	No. 2	Gasoline	W. Fitzpatrick	Safe and in good condition.
42	June 24, 1913	G. Sheets	G. Sheets	Red Devil	Gasoline	W. Fitzpatrick	Safe and in good condition.
43	June 24, 1913	P. Richardson	P. Horner	Mary	Gasoline	W. Fitzpatrick	Safe and in good condition.
44	June 24, 1913	C. E. Carey	L. Dally	Addie	Gasoline	W. Fitzpatrick	Safe and in good condition.
45	June 24, 1913	C. E. Carey	H. Courdevey	Marjorie	Gasoline	W. Fitzpatrick	Safe and in good condition.
46	June 24, 1913	C. E. Carey	R. Booser	Pauline	Gasoline	W. Fitzpatrick	Safe and in good condition.
47	June 24, 1913	W. Weldon	J. Weldon	Gladys	Gasoline	W. Fitzpatrick	Safe and in good condition.
48	June 24, 1913	W. Weldon	F. Weldon	No. 1	Gasoline	W. Fitzpatrick	Safe and in good condition.
49	June 24, 1913	W. Weldon	T. Hopkins	Ben Hur	Gasoline	W. Fitzpatrick	Safe and in good condition.
50	June 24, 1913	W. Weldon	W. Weldon	Olympia	Gasoline	W. Fitzpatrick	Safe and in good condition.
51	Aug. 2, 1913	Harry White	Geo. White	White City, Jr	Gasoline	J. F. O'Brien	Safe and in good condition.
52	Aug. 2, 1913	Harry White	Harry White	White City	Gasoline	J. F. O'Brien	Safe and in good condition.
53	June 4, 1913	C. C. Daily	E. E. Earl	Luella	Gasoline	J. F. O'Brien	Safe and in good condition.
54	Aug. 2, 1913	A. Van Borstal	A. Van Borstal	Adolph	Gasoline	J. F. O'Brien	Safe and in good condition.
55	Aug. 2, 1913	Geo. Hetzler	Geo. Hetzler	Nancy	Gasoline	J. F. O'Brien	Safe and in good condition.
56	Aug. 2, 1913	Geo. Hetzler	Geo. Hetzler	Big Nancy	Gasoline	J. F. O'Brien	Safe and in good condition.
57	June 3, 1913	W. H. Cummings	W. H. Cummings	White City	Gasoline	J. F. O'Brien	Safe and in good condition.
58	Aug. 2, 1913	C. T. Lasser	H. Theilar	Big Dewey	Gasoline	J. F. O'Brien	Safe and in good condition.
59	Aug. 2, 1913	C. T. Lasser	C. T. Lasser	Dewey	Gasoline	J. F. O'Brien	Safe and in good condition.
60	Aug. 2, 1913	C. T. Lasser	C. T. Lasser	Dewey Dandy	Gasoline	J. F. O'Brien	Safe and in good condition.

	Slight.								Serious.																Fatal.	
	Lacerations.	Burns.	Cuts.	Bruises.	Sprains and Dislocations.	Eyes.	Others.	Total.	Fractures.	Plural.	Permanent.	Loss of Limbs.	Loss of Hands and Feet.	Loss of Fingers.	Loss of Eyes.	Internal.	Lacerations.	Burns.	Cuts.	Bruises.	Sprains and Dislocations.	Eyes.	Others.	Total.	Deaths.	Total.
Transmission of Power—																										
Motors, engines, dynamos, etc	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....
Air fans, steam pumps, etc	2	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Gearing	6	....	1	5	....	....	....	....	1	2	....	....	1	12	....	....	4	....	....	1	....	....	....	....	....	....
Set screws	1	....	2	....	1	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	1	....
Shafting	....	....	1	4	1	....	1	....	3	4	....	....	....	1	....	....	2	....	....	....	....	....	....	....	4	....
Belts and pulleys	5	2	11	18	6	....	5	....	12	2	....	....	....	1	....	....	5	....	3	....	1	....	....	....	1	....
Total	14	2	16	27	8	....	6	73	18	9	....	....	1	15	....	....	12	....	3	1	1	....	....	60	7	7
Conveying and Hoisting Apparatus—																										
Elevators and lifts	3	....	2	12	....	....	1	....	3	9	....	1	....	1	....	....	2	....	....	2	1	....	....	....	2	....
Cranes (steam, electric, etc.)	....	....	3	2	....	....	....	....	10	3	....	1	1	5	....	....	7	....	....	1	....	....	....	....	5	....
Hoisting and conveying apparatus	1	....	....	9	....	....	1	....	3	3	....	....	....	....	....	....	3	....	....	....	....	....	....	....	1	....
Locomotives and trains and trucks	9	....	6	25	3	2	3	....	4	4	....	1	....	7	....	....	7	....	....	2	....	....	....	....	13	....
Total	13	....	11	48	3	2	5	82	20	19	....	3	1	13	....	....	19	....	....	5	1	....	....	81	21	21
Woodworking Machines—																										
Saws	13	....	76	15	....	....	2	....	....	1	....	....	....	37	....	....	8	....	16	....	....	....	....	....	....	....
Planers	3	....	8	9	1	....	....	....	1	....	....	....	....	2	....	....	1	....	4	4	....	....	....	....	....	....
Jointers	4	....	14	1	....	....	....	....	....	....	....	....	1	12	....	....	....	....	2	....	....	....	....	....	....	....
Shapers	2	....	12	2	....	....	1	....	1	1	....	....	....	2	....	....	2	....	2	....	....	....	....	....	....	....
Lathes	4	....	9	....	....	1	....	....	1	2	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....
Presses, drill, punch, etc	5	3	1	6	....	3	....	....	....	....	....	....	....	2	....	....	....	....	1	1	....	....	....	....	....	....
Other woodworking machines	7	....	22	10	....	....	....	....	2	3	....	....	2	7	....	....	5	....	5	....	....	....	....	....	....	....
Total	38	3	142	43	1	4	3	234	5	7	....	....	3	63	....	....	17	....	30	5	....	....	....	130	....	....
Paper and Printing Machinery—																										
Calendars and paper making machines	5	....	2	6	1	....	....	....	....	1	....	....	....	....	....	....	7	....	....	....	....	....	....	....	....	....
Paper cutting, stitching, staying	5	....	1	2	....	....	....	....	....	....	....	....	....	1	....	....	1	....	1	1	....	....	....	....	....	....
Printing machines	1	....	....	4	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Total	11	....	3	12	1	....	1	28	....	1	....	....	....	1	....	....	8	....	1	1	....	....	....	12	....	....

REPORT OF ACCIDENTS, 1912–1913—Continued.

	Slight.								Serious.																Fatal.	
	Lacerations.	Burns.	Cuts.	Bruises.	Sprains and Dislocations.	Eyes.	Others.	Total.	Fractures.	Plural.	Permanent.	Loss of Limbs.	Loss of Hands and Feet.	Loss of Fingers.	Loss of Eyes.	Internal.	Lacerations.	Burns.	Cuts.	Bruises.	Sprains and Dislocations.	Eyes.	Others.	Total.	Deaths.	Total.
Textile Machinery—																										
Picking machines	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....
Spinning machines, looms, etc	3	....	1	4	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....
Formers, knitting machines, etc	4	....	2	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....
Laundry machines	....	2	....	2	....	....	....	....	2	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....
Leather working machinery	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Total	7	2	4	6	....	....	2	21	2	1	....	....	....	2	....	....	3	....	....	1	....	....	....	9	....	....
Metal Working Machinery—																										
Stamping machines and presses	23	....	27	21	1	....	....	....	7	....	....	....	1	21	....	....	12	....	....	....	....	....	....	....	....	....
Drilling and milling machines	5	....	7	5	5	2	1	....	1	....	....	....	....	3	....	....	3	....	3	1	....	....	....	....	....	....
Screw machines	....	....	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lathes	....	....	2	2	....	2	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Drop and other power hammers	2	....	....	1	....	....	....	....	1	....	....	....	2	4	....	....	....	....	....	....	....	....	1	....	....	....
Shears	8	....	15	5	....	....	....	....	1	1	....	....	....	5	....	....	5	....	2	....	....	....	....	....	1	....
Rollers	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Repairing and cleaning machines	1	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....
Others	13	3	11	17	3	4	1	....	5	1	....	....	....	5	....	....	8	....	1	1	....	....	1	....	....	....
Total	54	3	64	53	9	9	2	194	16	2	....	....	3	38	....	....	28	....	7	2	....	....	2	98	2	2
Wire Working Machinery—																										
Looms	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Others	3	....	7	10	....	5	....	....	1	2	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
Total	4	....	8	10	....	5	....	27	1	2	....	....	....	....	....	....	....	....	1	....	....	....	....	4	....	....
Stone Working Machinery—																										
Stone planers	....	....	2	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....
Stone lathes	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Saw gangs	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Channeling machines	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....
Derricks and travelers	1	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Other stone machinery	3	....	....	3	1	1	....	....	1	....	....	....	....	1	....	....	1	....	1	1	....	....	....	....	....	....
Total	4	....	6	4	1	1	....	16	1	....	....	....	....	2	....	....	2	....	1	1	....	....	....	7	....	....

Polishing Machines—																										
Contact with emerys, etc	18	2	6	11	....	11	....	....	....	1	....	....	....	4	....	....	2	....	1	....	....	....	....	....	1	....
Struck by fragments from machines	....	1	1	2	....	123	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Others	....	....	4	2	....	2	....	....	2	....	....	....	....	....	....	....	2	....	2	....	....	....	....	....	....	....
Total	18	3	11	15	....	136	....	183	2	2	....	....	....	4	....	....	4	....	3	....	....	....	....	15	1	1
Other Machines—																										
Machines used in bakeries, etc	1	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Machines not elsewhere specified	12	....	11	14	1	....	1	....	4	4	....	....	1	4	....	....	3	....	2	1	....	....	....	....	2	....
Total	13	....	12	14	1	....	1	41	5	4	....	....	1	4	....	....	3	....	2	1	....	....	....	20	2	2
Heat and Electricity—																										
Powder, dynamite, etc	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	6	....
Explosion and ignition of gases, etc	....	6	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	6	....	....	....	....	....	....	1	....
Explosion of boilers, pipes, etc	....	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....
Other injuries from steam, etc	....	41	....	1	....	1	....	....	1	2	....	....	....	....	....	....	....	11	....	....	....	....	2	....	1	....
Caustics, acids and gases	....	3	....	....	....	14	10	....	....	1	1	....	....	....	....	....	....	2	....	....	....	1	....	....	4	....
Explosion of molten metals	....	4	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	1	....
Other accidents from molten metals	....	21	1	....	....	2	....	....	....	1	....	....	....	....	....	....	....	17	....	....	....	....	....	....	....	....
Vats, pans, etc., with hot liquids	....	6	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....
Electricity	....	11	1	2	....	2	2	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	11	....
Fire and heat	....	36	1	....	....	....	3	....	....	....	....	....	....	....	....	....	....	11	....	....	....	....	....	....	2	....
Total	....	130	4	5	....	21	16	176	2	5	1	....	....	....	....	....	1	52	....	....	....	1	2	64	28	28
Fall of Persons—																										
Fall from ladder, scaffold, etc	2	....	3	18	13	....	3	....	15	6	....	....	....	....	....	....	....	....	....	1	....	....	1	....	3	....
Fall from machinery, trucks, etc	....	....	2	14	11	....	3	....	6	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....
Fall from collapse of support	1	....	2	7	5	....	....	....	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fall through opening in floor, etc	....	....	....	7	1	....	....	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....
Fall in hoistway, shaft, etc	....	....	1	4	4	....	....	....	....	2	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....
Fall on stairs	....	....	....	2	3	....	1	....	3	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
Fall on level by slipping	....	3	6	13	12	....	2	....	4	1	....	....	....	....	....	....	4	....	....	1	....	....	....	....	....	....
Fall on level by tripping, etc	....	....	7	13	7	....	....	....	3	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....
All others	2	2	12	35	36	....	2	....	10	3	....	....	....	....	....	....	2	....	....	1	7	....	2	....	2	....
Total	5	5	33	113	92	....	11	259	46	14	....	....	....	....	....	1	6	....	....	7	7	....	5	86	7	7

REPORTS OF ACCIDENTS, 1912–1913—Continued.

	Slight.								Serious.																Fatal.	
	Lacerations.	Burns.	Cuts.	Bruises.	Sprains and Dislocations.	Eyes.	Others.	Total.	Fractures.	Plural.	Permanent.	Loss of Limbs.	Loss of Hands and Feet.	Loss of Fingers.	Loss of Eyes.	Internal.	Lacerations.	Burns.	Cuts.	Bruises.	Sprains and Dislocations.	Eyes.	Others.	Total.	Deaths.	Total.
Injured by Weights—																										
Falling rock and earth	2	....	8	26	....	....	....	....	7	1	....	....	....	1	....	....	1	....	....	2	....	....	....	....	2	....
Falling pile of material	....	....	5	13	2	....	2	....	5	3	....	....	....	....	....	....	1	....	....	1	1	....	....	....	1	....
Falling walls, other objects, etc	8	1	31	84	5	....	1	....	22	8	....	....	....	1	....	....	5	....	....	2	3	....	1	....	4	....
Tools or weights dropped by injured	4	....	10	32	2	....	....	....	8	....	....	....	....	1	....	....	3	....	....	1	....	....	....	....	....	....
Falling objects dropped by others	1	1	7	12	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....
Materials or parts on which employed	26	4	41	131	19	....	4	....	23	3	....	....	....	6	....	....	24	....	....	6	3	1	....	....	1	....
Machinery being moved	3	1	1	6	2	....	....	....	1	3	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....
Fall of material from trucks	1	1	3	10	....	....	1	....	5	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....
Handling castings, flasks, etc	7	....	19	45	10	....	4	....	4	....	....	....	....	1	....	....	5	....	....	2	....	....	....	....	....	....
Handling stone, ore, etc	3	....	1	5	2	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....
Handling lumber, papers, etc	....	1	3	26	3	1	....	....	4	1	....	....	....	....	....	....	3	....	....	1	1	....	....	....	....	....
Loading and unloading	13	2	12	39	6	....	2	....	4	3	....	....	....	3	....	....	4	....	....	2	1	....	....	....	....	....
Insufficiently described for classification	4	....	10	23	5	1	3	....	3	2	....	....	....	2	....	....	4	....	....	2	....	....	....	....	....	....
Total	72	11	151	452	56	2	18	762	86	24	....	....	....	15	....	....	53	....	....	20	9	1	1	209	9	9
Flying Objects—																										
Struck in eye by cinders, glass, etc	....	1	....	....	....	315	1	....	....	....	....	....	....	....	7	....	....	....	....	....	....	9	....	....	....	....
Other accidents from flying objects	4	18	86	45	1	40	3	....	8	5	....	....	....	....	3	....	4	1	....	2	....	3	2	....	1	....
Total	4	19	86	45	1	355	4	514	8	5	....	....	....	....	10	....	4	1	....	2	....	12	2	44	1	1
Miscellaneous—																										
Hand tools, hammers, wrenches, etc	11	....	74	92	6	1	1	....	8	....	....	....	....	....	....	....	1	....	4	1	....	....	....	....	....	....
Tools in hands of fellow workmen	5	3	18	26	....	1	1	....	2	2	....	....	....	....	....	....	....	....	2	2	....	....	....	....	....	....
Injured fitting or assembling	1	....	7	10	....	2	2	....	1	....	....	....	....	1	....	....	....	1	....	1	1	....	....	....	....	....
Caught on nails, projections, etc	9	....	75	29	....	2	1	....	....	....	....	....	....	....	....	....	....	....	2	1	....	....	1	....	....	....
Cut on glass	....	....	9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....
Stepping on nails, slivers, etc	3	....	2	49	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....
All other causes	15	10	44	99	41	8	27	....	19	9	....	....	....	10	....	....	9	....	6	3	3	2	6	....	7	....
Total	44	13	229	305	49	14	32	686	30	11	....	....	....	11	....	....	10	1	16	10	4	2	7	102	7	7

REPORT OF THE DEPUTY INSPECTOR OF MINES AND MINING, COVERING THE FISCAL YEAR ENDING SEPTEMBER 30, 1913, BY F. I. PEARCE, DEPUTY INSPECTOR OF MINES AND MINING.

SAFETY FIRST.

The watchword today in coal mining is *Safety First,* last and always.

The time is rapidly approaching when the company that surrounds its employes with the necessary safeguards of life and limb, and practices and instills this *Safety* slogan into its employes all down the line, will be rewarded by the perfectly natural result of securing voluntarily the services of the best and most careful men. Safety, sanitation and square dealing will fill every working place in the mine with the best men.

Dicipline, instruction and constant vigilance are the principal factors in accident prevention. Square dealing and proper treatment will get more coal at less cost than sharp practices.

REMEMBER
ACCIDENT PREVENTION
IS
FIRST AID TO THE UNINJURED.

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LETTER OF TRANSMITTAL.

OFFICE OF THE DEPUTY INSPECTOR OF MINES AND MINING.
INDIANAPOLIS, IND., January 20, 1913.

Hon. Edgar A. Perkins, Chief of the State Bureau of Inspection, Indianapolis, Ind.:

My Dear Sir—I have the honor to submit to you herewith my report as Deputy Inspector of Mines and Mining, covering the fiscal year ending September 30, 1913, and being the second fiscal report of this department made to the State Bureau of Inspection.

I trust it will receive your approval and be found worthy of consideration by the public.

F. I. PEARCE,
Deputy Inspector of Mines and Mining.

REPORT OF THE DEPUTY INSPECTOR OF MINES AND MINING FOR THE STATE OF INDIANA, COVERING FISCAL YEAR ENDING SEPTEMBER 30, 1913.

In preparing this report the subject-matter contained herein is treated under the following captions:

Production of Coal, Condition of Coal Trade, Condition of Labor, Mine Casualties to Mine Employes, Accidents to Mine Property and General Information Relating to the Mining Industry for the Fiscal Year Ending September 30, 1913.

Each of these subjects has been treated in a manner such as we think should meet the requirements of the general public and those directly interested in the mining industry.

Reference to each of the subjects included in the report may be found in the following summary, which contains all the important totals and averages for the year:

SUMMARY OF TOTALS AND AVERAGES FOR THE FISCAL YEAR ENDING SEPTEMBER 30, 1913.

Number of coal producing counties	19
Number of counties operating shipping mines	13
Number of coal seams operated (including block coal)	9
Number of coal companies organized	7
Total number of coal companies operating in the State	110
Number of new block mines opened	2
Number of new bituminous mines opened	14
Number of block coal mines abandoned	6
Number of bituminous mines abandoned	5
Number of block machine mines in operation	5
Number of block coal hand mines in operation	16
Number of block hand mines idle or working less than ten men during the entire year	4
Number of block machine mines idle or working less than ten men during the entire year	0
Number of bituminous hand mines in operation	64
Number of bituminous machine mines in operation	79
Number of bituminous hand mines idle or working less than ten men during the entire year	15
Number of bituminous machine mines idle or working less than ten men during the entire year	5
Total number of machine mines in the State	89
Total number of hand mines in the State	99
Total number of hand mines in the State	188
Total number of mines employing more than ten men	164
Number of miners, block hand mines	550

Number of inside day and monthly men in block hand mines	160
Number of outside day and monthly men in block hand mines	71
Total number of employes, block hand mines	781
Total number of block miners in block machine mines	52
Number of machine runners and helpers, block machine mines	50
Number of loaders, block machine mines	189
Number of inside day and monthly employes, block machine mines	120
Number of outside day and monthly employes, block machine mines	50
Total employes, block machine mines	461
Total employes, block mines	1,242
Number of miners, bituminous hand mines	5,109
Number of inside day and monthly employes, bituminous hand mines	1,342
Number of outside day and monthly employes, bituminous hand mines	487
Total number of employes, bituminous hand mines	6,938
Total number of hand miners, bituminous machine mines	1,695
Number of machine runners and helpers, bituminous machine mines	1,235
Number of loaders, bituminous machine mines	6,260
Number of inside day and monthly employes, bituminous machine mines	3,189
Number of outside day and monthly employes, bituminous machine mines	1,124
Total number of employes, bituminous machine mines	13,503
Total number of employes, bituminous mines	20,441
Total number of mine employes in the State	21,683
Number of mules used, block mines	101
Number of mules used, bituminous mines	1,501
Total number of mules used in all mines	1,602
Number of mines having gathering motors	5
Number of kegs of powder used in block mines	24,070
Number of kegs of powder used in bituminous mines	502,842
Total number of kegs of powder used in the State	526,912
Aggregate number of days block coal mines were operated	3,862
Average number of days, per mine, block machine mines were operated	160+
Average number of days, per mine, block hand mines were operated	191+
Aggregate number of days bituminous mines were operated	25,590
Average number of days, per mine, bituminous hand mines were operated	182+
Average number of days, per mine, bituminous machine mines were operated	180+
Tons of hand mined block coal	314,298
Tons of machine mined block coal	131,287

Total tons of block coal produced	445,585
Tons of hand mined bituminous coal	7,477,377
Tons of machine mined bituminous coal produced	9,323,603
Total tons of bituminous coal produced	16,800,980
Total production of the State (short tons)	17,246,565
Tons of block coal shipped outside of the State	242,063
Tons of block coal consumed in the State	203,522
Tons of bituminous coal consumed in the State	10,078,336
Tons of bituminous coal shipped outside of the State	6,722,644
Total tons of coal consumed in the State	10,281,858
Total tons shipped outside the State	6,964,707
Wages paid to block coal miners	$408,310.68
Wages paid to inside day and monthly employes, block mines	$187,535.85
Wages paid to outside day and monthly employes, block mines	$77,426.13
Total wages paid to block coal employes	$673,272.66
Wages paid to bituminous miners	$10,491,899.92
Wages paid to inside day and monthly employes, bituminous mines	$3,472,170.91
Wages paid to outside day and monthly employes, bituminous mines	$1,322,654.14
Total wages paid to bituminous mine employes	$15,286,724.97
Grand total wages paid to mine employes	$15,959,997.63
Average earnings, per mine employe for the year	$736.06
Total average cost per ton for mining block coal	$1.51
Total average cost per ton for mining bituminous coal	$0.91–
Total average cost per ton for the entire production of the State	$0.92–
Total money expended on improvements	$203,209.54
Number of fatal accidents	59
Number of permanent accidents	5
Number of serious accidents	401
Number of minor accidents	877
Total number of accidents to mine employes	1,342
Number of tons per fatality	292,315
Number killed per thousand employed	2.72–
Number of accidents to mine property	12
Number of coal washers in use	2

PRODUCTION OF COAL, COAL TRADE AND MINING CONDITIONS.

If the number of tons of coal produced and wages paid mine employes is any criterion, the mining industry of Indiana as a whole, for the fiscal year ending September 30, 1913, discloses a fairly gratifying condition as relates to both miners and mine operators. Notwithstanding the fact that there were a few mines closed down the entire year and practically all of them lost either a few days, weeks or months' time on account of no sale, railroad

cars, local strikes or other causes, the production as reported to this Department was 17,246,565 short tons, or 877,679 tons less than the largest and 3,041,987 tons more than the second largest production in the history of the State. Of this production, 9,637,901 tons, or a fraction less than fifty-six per cent., was mined with mining machines; and 7,608,664 tons, or forty-four per cent., by hand. This, we are very glad to say shows an increase of about four per cent. in the production of coal mined by mining machines over that of last year. And this production would have been even larger had it not been for the difficulty experienced in undercutting the coal in a number of mines in which mining machines were tried out. In producing this coal there was used, 526,577 kegs of black powder, 283 cases of "permissible explosives" and 52 cases of Hoynsite safety powder. While it is true considerable time was lost at some of the mines on account of causes other than those due to shortage of railroad cars, local strikes and the flood in March, yet the major part of the time lost may be attributed to dull trade, due to a very open winter, an increased production and extremely sharp competition in securing trade.

The following table exhibits the relative rank of the fourteen counties in the number of tons produced and wages paid:

TABLE

Showing the Tons of Coal Produced and Wages Paid to Miners in Indiana for the Fiscal Year Ending September 30, 1913, by Counties—the Block and Bituminous Coal Each Shown Separately.

County.	Production of Block Coal.	Wages Paid.	Production of Bituminous Coal.	Wages Paid.	Total Production.	Total Wages.
Vigo	109,380	$167,875 12	4,367,565	$4,033,962 91	4,476,945	$4,201,838 03
Sullivan	.....	.....	3,238,642	3,152,995 00	3,238,642	3,152,995 00
Greene	.....	.....	2,753,015	2,312,721 32	2,753,015	2,312,721 32
Vermillion	.....	.....	2,104,229	2,063,846 77	2,104,229	2,063,846 77
Knox	.....	.....	1,664,619	1,291,539 33	1,664,619	1,291,539 33
Clay	250,352	390,262 43	378,037	356,733 59	628,389	746,996 02
Warrick	.....	.....	619,614	500,969 93	619,614	500,969 93
Pike	.....	.....	610,623	548,532 72	610,623	548,532 72
Parke	80,265	110,376 96	465,971	426,296 44	546,236	536,673 40
Vanderburgh	.....	.....	288,058	304,288 82	288,058	304,288 82
Gibson	.....	.....	219,552	212,245 70	219,552	212,245 70
Daviess	.....	.....	75,471	67,363 74	75,471	67,363 74
Fountain	.....	.....	15,584	15,228 70	15,584	15,228 70
Perry	5,588	4,758 15	.....	.....	5,588	4,758 15
Total	445,585	$673,272 66	16,800,980	$15,286,724 97	17,246,565	$15,959,997 63

Vigo County, due to the increase of development in that field recently, has exceeded Sullivan as the largest producing county in the State by more than 1,238,303 tons.

DISTRIBUTION OF PRODUCT

Of the bituminous coal, 10,078,336 tons were consumed in Indiana and 6,722,644 tons were shipped to other States. And of the block coal, 203,522 tons were consumed in Indiana and 242,063 tons were shipped to other States, or a fraction less than sixty per cent. was consumed in Indiana. This shows an increase of about two per cent. in the home consumption of the yearly production over that of any previous year, indicating that the consumers of coal are beginning to realize, more than ever, the value of Indiana coal.

COST OF PRODUCTION.

The total wages reported from the bituminous field was $15,-286,724.97, making a fraction less than 91 cents per ton for the labor cost for the total production of bituminous coal. The total wages reported from the block coal field was $673,272.66 or a fraction over $1.51 per ton for the labor cost for the total production of block coal. These figures show a slight increase in the cost per ton for the labor cost for the total production of bituminous and block coal over that of any previous year.

MARKET PRICES.

The market price for Nos. III, V and VI mine run bituminous coal (except yearly contracts), f. o. b. cars at the mine, during the period from October 1 to December 31, 1912, ranged from $1.15 to $1.45 per ton; from January 1 to March 31, 1913, from $1.05 to $1.25 per ton; April 1st to June 30th from $1.05 (with perhaps some selling as low as $1.00) to $1.20, and from July 1st to September 30th, the selling price ranged from $1.10 to $1.15 per ton. The selling price of No. IV mine run bituminous coal ranged from ten to fifteen cents higher. The market selling price for screened block coal (except yearly contracts), f. o. b. cars at the mine from October 1 to December 31, 1912, ranged from $2.10 to $2.50; from January 1 to March 31, 1913, the price averaged about $2.20; April 1st to June 30th from $2.00 to $2.10 and July 1st to September 30th the price ranged from $2.10 to $2.20.

EMPLOYES.

The total number of employes reported for the year was 21,683, or an increase of 453 over the last year. Of this number 20,441 were bituminous employes, and 1,242 block mine employes.

DAYS WORKED.

The aggregate number of days the mines were reported as being in operation was 29,452, and the number of days idle, due to no sale, 10,408; other causes, 3,353; no railroad cars, 2,195; local strikes, 273, and on account of funerals, 35.

AVERAGE WAGES.

The total wages reported from the bituminous field being $15,-286.724.97 makes an average earning of $747.84 for each bituminous employe. The total wages paid to block coal mine employes being $673,272.66 shows an average earning of $542.08. The aggregate wages for the State being $15,959,997.63 and the total number of employes, 21,683 shows an average earning of $736.06 for each mine employe in the State, the highest average wage earned per mine employe.

NEW AND ABANDONED MINES.

Sixteen new mines, all of which with the exception of two or three will be large producers, were opened up, and eleven mines were abandoned during the year ending September 30, 1913.

FATALITIES AND INJURIES TO MINE EMPLOYES.

The reports of coal companies, mine superintendents, mine bosses and mine inspectors for the fiscal year ending September 30, 1913, shows an aggregate of 1,342 accidents to mine employes as follows: Fatal, 59; permanent, 5; serious, 401, and minor, 877. This, it must be remembered however, does not include accidents occurring at mines that employ less than ten men, clay mines and strip banks, of which there are altogether about 450, employing from 2,500 to 3,000 persons and producing about 400,000 tons of coal.

The different causes of these accidents and the per cent. as compared to the total are shown in the following table:

Cause of Accident.	*No. of Accidents.*		*Per Cent.*
Falling slate	271	or	20.19
Falling coal	89	or	6.63
Mine cars and motors	477	or	35.54
Mine mules	130	or	9.69
Mining machines	58	or	4.32
Explosion of powder	15	or	1.12
Premature blasts	1	or	0.08
Shot blowing through pillar	2	or	0.15
Windy shots, powder, powder gases, etc	40	or	2.98
Going back on shot	3	or	0.22
Explosion of dynamite cap	1	or	0.08
Explosion of firedamp	33	or	2.46
Mine cages	16	or	1.19
Coal falling down shaft	5	or	0.37
Falling down shaft	1	or	0.08
Electric shock	10	or	0.75
Explosion of carbide	3	or	0.22
Overwinding sinking bucket	2	or	0.15
Railroad cars	3	or	0.22
Boiler explosion	1	or	0.07
Miscellaneous	181	or	13.49
Total	1,342	or	100.00

Of the total number of accidents occurring during the year, it is to be noted that 1,268 or 94.47 per cent. may be attributed to six causes, namely:

Cause of Accident.	*No. of Accidents.*		*Per Cent.*
Mine cars, mine motors and mine mules, etc.	607	or	45.23
Falling slate, the larger number of which occurred at the working face	271	or	20.18
Falling coal at the working face	89	or	6.63
Explosives (including firing of shots, etc.)	62	or	4.62
Mining machines	58	or	4.32
Miscellaneous	181	or	13.49
Total	1,268	or	94.47

The following table exhibits the number of persons killed and injured in and about the mines, classified under five operations, and the per cent. of each as compared with the total:

Occupation.	*No. of Accidents.*		*Per Cent.*
Mining coal	492	or	36.7
Inside day labor	756	or	56.3
Outside day labor	53	or	4.0
Supervision work	26	or	1.9
Miscellaneous and non-employes	15	or	1.1
Total	1,342	or	100.0

From these figures it is noted that 1,248 or 93 per cent. of the total number of persons killed and injured during the year were engaged in mining the coal and inside day labor, while 7 per cent. were engaged in outside day labor, supervision work, and miscellaneous labor or non-employes. It, perhaps might be well to also mention that of the total number of accidents occurring to inside day labor 488, or a fraction over 36.44 per cent. of the total number of accidents, were caused to drivers.

The following table shows the cause of each fatal accident occurring in and about the mines during the fiscal year ending September 30, 1913, and the per cent. of each cause as compared to the total number occurring:

Cause of Accident.	*No. of Accidents.*		*Per Cent.*
Falling slate at face	18	or	30.54
Falling coal at face	4	or	6.78
Falling slate on traveling and roadways	4	or	6.78
Mine cars and motors	7	or	11.86
Explosion of powder	4	or	6.78
Explosion of firedamp	6	or	10.17
Windy or blown out shots, etc	11	or	18.64
Shots blowing through pillar	1	or	1.69
Electric shock	1	or	1.69
Mine cages	1	or	1.69
Overwinding sinking bucket	1	or	1.69
Falling down shaft	1	or	1.69
Total	59	or	100.00

Of the six fatal accidents occurring in the mines due to explosions of firedamp, three were caused by a sudden liberation of gas following the caving in of the roof, and three to firedamp that had accumulated in the mines as the result of booster fans operated by electric power (which have recently come into use in the mines of this State) being allowed to stand idle.

Summing up the foregoing facts, it seems apparent that the most prolific causes of the fatal accidents occurring in and about the mines of Indiana during the fiscal year ending September 30, 1913, may be attributed to six causes as follows:

Cause of Accident.	*No. of Accidents.*		*Per Cent.*
Falling slate at the face of working places	18	or	30.54
Falling coal at the face of working places	4	or	6.78
Falling slate on traveling and roadways	4	or	6.78
Mine cars and mine motors	7	or	11.86
Explosions of firedamp	6	or	10.17
Use of explosives (including firing of shots etc.)	16	or	27.11
Total	55	or	93.24

Of the non-fatal accidents, six causes are as follows:

Cause of Accident.	*No. of Accidents.*		*Per Cent.*
Mine cars, mine motors, mine mules, etc. (of which number, 484 or 80.66 per cent. were drivers)	600	or	46.76
Falling slate (of which number, at least from 80 to 90 per cent. occurred at the working face)	249	or	19.40
Falling coal at the face	85	or	6.62
Mining machines	58	or	4.52
Use of explosives (including shot firing, etc.)	47	or	3.66
Miscellaneous	181	or	14.11
Total	1,220	or	95.07

For convenience these accidents may be further classified as occurring under two heads, avoidable and unavoidable. The unavoidable accidents are those that occur through errors of judgment, and for this reason, all accidents are not preventable. The avoidable accidents are those that are the result of ignorance and carelessness, or where the risk is taken with a full and complete knowledge of the result that is liable to occur and against the better judgment of the party taking it. This is one of the most fruitful causes of mine accidents, and can only be effectively dealth with:

First: By the willing cooperation and earnest assistance of the Federal Bureau of Mines; mine inspectors; mine owners; mine superintendents; mine bosses; fire bosses; room bosses; and all inside and outside employes, both individually and collectively; and

Second: By amending the present mining law, which in a number of instances is not sufficiently or clearly defined and is out of chord with the present system of mining, also by the enactment of additional legislation based on a careful investigation of the later day methods of developing, equipping and mining coal, which has changed radically and rapidly during the past few years.

TABLE

Exhibiting the Number of Miners, the Number of Inside Day and Monthly Employes, the Number of Outside Day and Monthly Employes, the Total Wages Earned by Each Class of Labor, and the Average Earnings per Emyloye in the Block and Bituminous Mines, Each Shown Separately.

BLOCK COAL HAND MINES.

County.	Number of Miners.	Total Wages.	Average Wages.	Inside Employes.	Total Wages.	Average Wages.	Outside Employes.	Total Wages.	Average Wages.
Clay	448	$232,075 76	$518 03	139	$100,309 40	$721 65	54	$34,692 82	$642 46
Parke	87	38,966 71	447 89	19	11,593 09	610 16	17	7,131 06	419 47
Perry	15	3,744 70	249 65	2	1,013 45	506 72	.....	.....	.....
General average for block coal hand mines	550	$274,787 17	$499 61	160	$112,915 94	$705 10	71	$41,823 88	$589 07

BLOCK COAL MACHINE MINES.

Clay	30	$10,303 67	$343 46	8	$8,619 73	$1,077 46	5	$4,261 05	$852 21
Parke	63	29,964 92	475 63	30	15,393 68	513 12	9	7,327 50	814 16
Vigo	198	93,254 92	470 98	82	50,606 50	617 15	36	24,013 70	667 04
General average for block coal machine mines	291	$133,523 51	$458 84	120	$74,619 91	$621 83	50	$35,602 25	$712 04
General average for all block coal mines	841	$408,310 68	$485 51	280	$187,535 85	$669 77	121	$77,426 13	$639 88

BITUMINOUS HAND MINES.

Clay	162	$96,848 12	$597 83	40	$31,293 89	$782 35	16	$12,037 11	$752 32
Daviess	104	52,332 35	503 19	25	10,406 04	416 24	13	2,665 35	205 03
Fountain	25	11,307 04	452 28	3	2,191 20	730 40	4	1,730 46	432 62
Gibson	19	11,159 65	587 35	3	2,278 77	759 59	3	2,950 20	983 40
Greene	153	109,482 45	715 57	49	29,606 65	604 22	18	13,734 09	763 01
Knox	82	81,612 61	995 27	20	17,663 72	883 19	11	9,330 15	848 20
Parke	25	2,112 41	84 48	9	747 09	83 01	5	376 72	75 35

Perry									
Pike	126	52,436 70	436 97	35	15,393 49	439 81	17	7,216 98	424 53
Spencer									
Sullivan	327	211,950 32	648 17	98	82,006 98	836 80	40	29,775 19	744 38
Vanderburgh	280	208,054 42	743 05	90	66,197 22	735 52	40	30,037 18	750 93
Vermillion	1,146	939,017 84	810 66	291	215,022 94	738 91	98	87,789 93	895 81
Vigo	2,455	1,826,565 34	744 02	634	506,540 49	798 96	186	177,021 65	951 72
Warrick	205	113,492 28	553 62	45	21,857 05	485 71	36	15,771 47	438 10
General average for bituminous coal hand mines	5,109	$3,716,371 53	$727 42	1,342	$1,001,205 53	$746 05	487	$390,436 48	$801 72

BITUMINOUS MACHINE MINES.

Clay	287	$133,638 69	$465 64	111	$54,885 11	$494 46	36	$28,030 67	$778 63
Daviess	22	1,260 00	57 27	6	380 25	63 38	6	319 75	53 29
Gibson	163	117,042 23	718 05	70	59,503 57	850 05	19	19,311 28	1,016 38
Greene	1,957	1,460,441 63	746 26	692	525,113 84	758 83	213	174,342 66	818 51
Knox	990	889,727 81	898 71	258	198,651 48	769 97	100	94,553 56	945 53
Parke	341	274,864 64	806 05	120	111,554 73	929 62	41	36,640 85	893 68
Pike	534	299,644 66	561 13	133	117,186 90	881 10	59	56,653 99	960 24
Sullivan	2,730	1,745,142 69	639 25	1,123	806,267 32	717 96	414	277,852 50	671 14
Vermillion	565	552,224 12	977 38	227	182,362 11	803 36	51	87,429 83	1,714 31
Vigo	1,211	1,056,232 03	872 12	365	357,001 84	978 09	128	110,601 56	864 07
Warrick	390	245,309 89	629 00	84	58,058 23	691 17	57	46,481 01	815 46
General average for bituminous coal machine mines	9,190	$6,775,528 39	$737 27	3,189	$2,470,965 38	$774 84	1,124	$932,217 66	$829 37
General average for hand bituminous mines	5,109	$3,716,371 53	$727 42	1,342	$1,001,205 53	$746 05	487	$390,436 48	$801 72
General average for the State	15,140	$10,900,210 60	$719 96	4,811	$3,659,706 76	$760 69	1,732	$1,400,080 27	$808 36

TABLE

Showing the Price Paid for Mining Bituminous and Block Screened Coal by Hand, Per Ton of Two Thousand Pounds, and the Price Paid Inside Day Labor from April, 1898.

Year.	Price Paid for Mining Bituminous Screened Coal by Hand.	Price Paid Inside Day Labor.	Price Paid for Mining Block Screened Coal by Hand.	Price Paid Inside Day Labor.
1898–99	$0 66	$1 75	$0 76	$1 75
1899–00	66	1 75	76	1 75
1900–01	80	2 10	90	2 10
1901–02	80	2 25	90	2 25
1902–03	80	2 25	90	2 25
1903–04	90	2 56	1 00	2 56
1904–06	85	2 42	95	2 42
1906–08	90	2 56	1 00	2 56
1908–10	90	2 56	1 00	2 56
1910–12	95	2 70	1 05	2 70
1912–14	1 00	2 84	1 10	2 84

Track layers and timbermen, from 1898 to 1900, were paid $1.90; from 1900 to 1901, $2.28; from 1901 to 1902, $2.30; from 1902 to 1903, $2.30; after that period they were paid the same wage as other inside day labor.

TABLE

Showing by Counties the Name of Mine, Number of Tons of Screened, Slack, Nut and Mine Run Coal, Total Tons of All Grades of Coal Produced and the Distribution Thereof, the Production of Block and Bituminous Coal, Each Being Shown Separately, as is the Machine and Pick or Hand-mined Coal.

BLOCK COAL MACHINE MINES.

NAME OF MINE.	Machine Mined.				Pick Mined.				Distribution.		Wages Paid.			
	Tons of Screened Coal.	Tons of Slack and Nut.	Tons of Mine Run.	Total Tons of All Kinds of Coal Produced.	Tons of Screened Coal.	Tons of Slack and Nut.	Tons of Mine Run.	Total Tons of All Kinds of Coal Produced.	Indiana.	Other States.	To Miners.	To Inside Day Men.	To Outside Day Men.	Total Wages.
Clay County.														
Crawford No. 12	3,704	805	.....	4,509	4,122	998	.....	5,120	5,017	4,612	$10,303 67	$8,619 73	$4,261 05	$23,184 45
Total	3,704	805	.....	4,509	4,122	998	.....	5,120	5,017	4,612	$10,303 67	$8,619 73	$4,261 05	$23,184 45
Parke County.														
Superior No. 6	29,523	7,400	.....	36,923	698	175	.....	873	21,088	16,708	$29,964 92	$15,393 68	$7,327 50	$52,686 10
Total	29,523	7,400	.....	36,923	698	175	.....	873	21,088	16,708	$29,964 92	$15,393 68	$7,327 50	$52,686 10
Vigo County.														
Domestic Block No. 1	18,859	3,730	.....	22,589	3,073	2,000	.....	5,073	8,653	19,009	$23,553 21	$13,910 82	$6,894 02	$44,358 05
Mary No. 2	33,385	7,251	.....	40,636	3,816	1,122	.....	4,938	3,078	42,496	40,039 99	17,464 83	9,854 14	67,358 96
Plymouth No. 1	22,746	3,884	.....	26,630	8,064	1,450	.....	9,514	9,633	26,511	29,661 72	19,230 85	7,265 54	56,158 11
Total	74,990	14,865	.....	89,855	14,953	4,572	.....	19,525	21,364	88,016	$93,254 92	$50,606 50	$24,013 70	$167,875 12
Total machine mined block coal	108,217	23,070	.....	131,287	19,773	5,745	.....	25,518	47,469	109,336	$133,523 51	$74,619 91	$35,602 25	$243,745 67

NAME OF MINE, PRODUCTION, WAGES, ETC.—Continued.

BLOCK HAND OR PICK MINES.

Clay County.

NAME OF MINE.	Pick Mined.				Distribution.		Wages Paid.			
	Tons of Screened Coal.	Tons of Slack and Nut.	Tons of Mine Run.	Total Tons of all Kinds of Coal Produced.	Indiana.	Other States.	To Miners.	To Inside Day Men.	To Outside Day Men.	Total Wages.
Monarch	.....	.....	15,273	15,273	15,273	.....	$17,022 57	$11,921 77	$2,106 73	$31,051 07
Brazil Clay Co. No. 1	.....	.....	467	467	467	.....	.....	284 84	21 95	306 79
Plymouth No. 2	33,976	8,990	.....	42,966	10,063	32,903	39,422 20	14,371 25	4,744 40	58,537 85
Crawford No. 10	36,940	9,134	.....	46,074	12,651	33,423	46,185 02	23,630 91	6,620 21	76,436 14
Crawford No. 11	10,381	2,645	.....	13,026	6,058	6,968	15,326 18	6,391 37	2,771 49	24,489 04
Eureka No. 5	34,642	7,870	50	42,562	20,222	22,340	40,640 43	19,028 56	5,780 46	65,449 45
German No. 1	4,076	.....	1,274	5,350	5,350	.....	5,023 52	1,127 15	779 14	6,929 81
Givens No. 1	16,336	4,166	.....	20,502	20,502	.....	15,819 49	5,393 31	2,061 27	23,274 07
Harrison No. 5	2,460	575	10	3,045	1,620	1,425	2,738 00	406 10	444 00	3,588 10
Progressive*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brasil Block No. 4	20,373	4,276	.....	24,649	7,292	17,357	23,677 82	12,722 40	5,391 65	41,791 87
Pyrah*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Treager No. 2*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Schrepferman No. 4	21,334	4,573	.....	25,907	23,287	2,620	24,671 41	4,666 90	3,424 52	32,762 83
West Side No. 1	761	141	.....	902	902	.....	1,549 12	364 84	547 00	2,460 96
Total	181,279	42,370	17,074	240,723	123,687	117,036	$232,075 76	$100,309 40	$34,692 82	$367,077 98

*Idle or employing less than ten men.

Parke County.

S. B. No. 1	5,266	.....	1,898	7,164	7,164	.....	$5,276 80	$1,300 00	$1,646 50	$8,223 30
Brasil Block No. 9	12,952	2,531	.....	15,483	9,374	6,109	15,833 46	5,120 29	2,948 20	23,901 95
Superior No. 5	16,172	3,650	.....	19,822	10,240	9,582	17,856 45	5,172 80	2,536 36	25,565 61
Moore*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	34,390	6,181	1,898	42,469	26,778	15,691	$38,966 71	$11,593 09	$7,131 06	$57,690 86

*Idle or employing less than ten men.

Perry County.

Kelley	.....	.....	5,588	5,588	5,588	.....	$3,744 70	$1,013 45	.....	$4,758 15
Total	.....	.....	5,588	5,588	5,588	.....	$3,744 70	$1,013 45	.....	$4,758 15
Total hand mined block coal	215,669	48,551	24,560	288,780	156,053	132,727	$274,787 17	$112,915 94	$41,823 88	$429,526 99
Total machine mined block coal	127,990	28,815	.....	156,805	47,469	109,336	$133,523 51	$74,619 91	$35,602 25	$243,745 67
Total hand and machine mined block coal	343,659	77,366	24,560	445,585	203,522	242,063	$408,310 68	$187,535 85	$77,426 13	$673,272 66

BITUMINOUS HAND OR PICK MINES.

Clay County.

Klondyke No. 3	40,820	29,415	40,654	110,889	79,434	31,455	$77,404 65	$23,105 63	$7,496 54	$108,006 82
Collieries No. 1	.....	.....	25,370	25,370	17,685	7,685	19,443 47	8,188 26	4,540 57	32,172 30
Vivian No. 1*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	40,820	29,415	66,024	136,259	97,119	39,140	$96,848 12	$31,293 89	$12,037 11	$140,179 12

*Idle or employing less than ten men.

Daviess County.

Montgomery No. 4-5	36,247	15,070	19,339	70,656	69,096	1,560	$50,582 35	$9,946 04	$2,265 35	$62,793 74
Washington No. 4*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mutual	1,380	100	1,385	2,865	1,910	955	1,750 00	460 00	400 00	2,610 00
Total	37,627	15,170	20,724	73,521	71,006	2,515	$52,332 35	$10,406 04	$2,665 35	$65,403 74

*Idle or employing less than ten men.

Fountain County.

Indio	1,041	256	14,287	15,584	15,584	.....	$11,307 04	$2,191 26	$1,730 46	$15,228 76
Total	1,041	256	14,287	15,584	15,584	.....	$11,307 04	$2,191 26	$1,730 46	$15,228 76

NAME OF MINE, PRODUCTION, WAGES, ETC.—Continued.

BITUMINOUS HAND OR PICK MINES—Continued.

NAME OF MINE.	Pick Mined.				Distribution.		Wages Paid.			
	Tons of Screened Coal.	Tons of Slack and Nut.	Tons of Mine Run.	Total Tons of all Kinds of Coal Produced.	Indiana.	Other States.	To Miners.	To Inside Day Men.	To Outside Day Men.	Total Wages.
Gibson County.										
Francisco	100	58	15,153	15,311	10,400	4,911	$11,159 65	$2,278 77	$2,950 20	$16,388 62
Total	100	58	15,153	15,311	10,400	4,911	$11,159 65	$2,278 77	$2,950 20	$16,388 62
Greene County.										
Monarch*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Queen No. 1	.....	.....	117,579	117,579	103,774	13,805	$88,379 69	$20,451 59	$9,644 38	$118,475 66
Queen No. 2	1,763	688	4,359	6,810	5,855	955	3,634 26	3,702 20	1,796 08	9,132 54
Queen No. 3	246	425	884	1,555	1,359	196	.....	2,342 04	569 30	2,911 34
Twin Oak	16,200	9,300	6,949	32,449	31,360	1,089	17,468 50	3,110 82	1,724 33	22,303 65
North Linton*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	18,209	10,413	129,771	158,393	142,348	16,045	$109,482 45	$29,606 65	$13,734 09	$152,823 19
Knox County.										
Wheatland	.....	.....	117,040	117,040	117,040	.....	$81,612 61	$17,663 72	$9,330 15	$108,606 48
Total	.....	.....	117,040	117,040	117,040	.....	$81,612 61	$17,663 72	$9,330 15	$108,606 48
Parke County.										
Fairview	1,913	941	311	3,165	1,580	1,585	$2,112 41	$747 09	$376 72	$3,236 22
Total	1,913	941	311	3,165	1,580	1,585	$2,112 41	$747 09	$376 72	$3,236 22

*Idle or employing less than ten men.

Pike County.

Fox Hill No. 1	.....	.....	5,237	5,237	3,652	1,585	$3,601 74	$1,233 51	$426 18	$5,261 43
Blackburn No. 1	.....	.....	19,330	19,330	19,330	.....	12,172 31	3,545 21	2,643 74	18,361 26
Blackburn No. 2	17,345	30,652	10,156	58,153	28,716	29,437	36,662 65	10,614 77	4,147 06	51,424 48
Hartwell No. 1*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartwell No. 2*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartwell No. 3*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartwell No. 4*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	17,345	30,652	34,723	82,720	51,698	31,022	$52,436 70	$15,393 49	$7,216 98	$75,047 17

*Idle or employing less than ten men.

Sullivan County.

Hamilton	74,890	57,820	63,203	195,913	56,300	139,613	$138,438 24	$46,869 46	$13,554 68	$198,862 38
Bellevue	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carlisle	3,460	2,025	450	5,935	5,935	.....	3,815 95	2,854 83	4,087 76	10,758 54
Keystone	40,758	44,958	3,922	89,638	53,936	35,702	56,021 45	28,111 24	8,513 81	92,646 50
Keeley	2,423	1,268	9,423	13,114	11,978	1,136	8,275 97	1,350 44	1,720 27	11,346 68
Larsh*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Superior*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Black Hawk	4,772	2,744	27	7,543	4,246	3,297	5,398 71	2,821 01	1,898 67	10,118 39
Total	126,303	108,815	77,025	312,143	132,395	179,748	$211,950 32	$82,006 98	$29,775 19	$323,732 49

*Idle or employing less than ten men.

Vanderburgh County.

Unity	31,187	28,468	86,575	146,230	100,802	45,428	$98,607 02	$29,659 98	$10,534 98	$138,801 98
Diamond	23,886	15,031	6,507	45,424	45,424	.....	33,228 53	7,732 31	6,363 51	47,324 35
Ingleside	5,672	2,010	41,010	48,692	48,692	.....	37,605 11	14,909 66	7,026 77	59,541 54
Sunnyside	24,715	8,854	14,143	47,712	47,712	.....	38,613 76	13,895 27	6,111 92	58,620 95
Total	85,460	54,363	148,235	288,058	242,630	45,428	$208,054 42	$66,197 22	$30,037 18	$304,288 82

NAME OF MINE, PRODUCTION, WAGES, ETC., 1913—Continued.

BITUMINOUS HAND OR PICK MINES—Continued.

Vermillion County.

NAME OF MINE.	Pick Mined.				Distribution.		Wages Paid.			
	Tons of Screened Coal.	Tons of Slack and Nut.	Tons of Mine Run.	Total Tons of all Kinds of Coal Produced.	Indiana.	Other States.	To Miners.	To Inside Day Men.	To Outside Day Men.	Total Wages.
Crown Hill No. 1	24,475	8,185	12,355	45,015	8,573	36,442	$35,649 46	$10,001 38	$5,310 92	$50,961 76
Crown Hill No. 2	40,551	13,547	108,021	162,119	32,986	129,133	117,461 53	20,795 02	11,031 10	149,287 65
Crown Hill No. 4	78,388	26,175	18,319	122,882	26,167	96,715	101,945 34	25,711 53	10,808 06	138,464 93
Crown Hill No. 5	63,698	21,230	102,229	187,157	39,783	147,374	143,589 56	24,898 81	10,260 63	178,749 00
Crown Hill No. 6	13,894	4,686	24,651	43,231	8,689	34,542	39,395 11	8,587 07	6,744 59	54,726 77
Oak Hill No. 2	95,974	69,805	29,342	195,121	21,410	173,711	137,122 72	25,297 28	9,241 80	171,661 80
Oak Hill No. 5	13,423	12,198	100,796	126,417	13,786	112,631	85,100 16	23,389 46	8,363 48	116,853 10
Dering No. 8	95,615	111,097	103,086	309,798	32,771	277,027	217,749 36	64,234 74	15,871 45	297,855 55
Shirkie and Bogle	30,298	17,579	33,062	80,939	642	80,297	59,878 52	11,677 55	8,762 70	80,318 77
West Clinton No. 1	.....	.....	919	919	919	.....	1,126 08	430 10	1,395 20	2,951 38
Eureka*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	456,316	284,502	532,780	1,273,598	185,726	1,087,872	$939,017 84	$215,022 94	$87,789 93	$1,241,830 71

*Idle or employing less than ten men.

Vigo County.

Clay County No. 1	49,882	23,245	460	73,587	60,431	13,156	$56,108 62	$16,169 16	$9,940 74	$82,218 52
Dering No. 6	9,405	4,727	77,105	91,237	6,980	84,257	56,994 66	29,054 48	7,862 15	93,911 29
Ray No. 2	6,148	3,792	25,346	35,286	15,904	19,382	23,176 80	8,047 72	5,144 44	36,368 96
Fauvre No. 2	34,664	29,907	8,809	73,380	57,579	15,801	52,847 48	13,312 83	7,164 08	73,324 39
Pine Ridge	28,504	11,394	67,038	106,936	21,156	85,780	80,310 73	16,355 37	8,900 97	105,567 07
Lower Vein No. 1	82,768	47,001	42,387	172,156	160,654	11,502	117,577 32	30,620 66	9,178 27	157,376 25
Miami No. 4	66,885	34,960	39,333	141,178	.....	141,178	97,021 13	38,272 46	7,763 47	143,057 06
Miami No. 5	56,708	33,497	13,114	103,319	.....	103,319	67,229 04	26,356 91	5,694 97	99,280 92
Miami No. 6	71,849	36,742	46,947	155,538	.....	155,538	118,813 43	31,390 20	9,962 86	160,166 49
Miami No. 8	38,455	21,189	271,110	330,754	.....	330,754	234,076 40	57,393 57	13,985 06	305,455 03
Harrison	.....	.....	30,665	30,665	28,222	2,443	23,772 76	4,199 59	1,553 18	29,525 53
Pittsburg No. 1	106,537	69,225	51,708	227,470	185,056	42,414	149,642 71	53,721 56	14,161 84	217,526 11
Atherton	.....	.....	164,828	164,828	14,584	150,244	103,682 59	40,057 66	12,039 73	155,779 98
National	18,797	11,549	19,475	49,821	20,244	29,577	37,908 71	8,098 67	6,124 54	52,131 92
Sugar Valley	16,989	10,392	4,450	31,831	31,831	.....	21,027 48	4,992 75	5,283 46	31,303 69
Vandalia No. 69	192,067	115,860	27,240	335,167	311,798	23,369	221,777 49	61,843 35	13,380 45	297,001 29
Riverside	59,105	38,506	63,614	161,225	151,258	9,967	109,764 60	25,235 45	9,772 15	144,772 20
Wizard No. 2	79,677	67,620	20,365	167,662	117,245	50,417	116,909 06	19,690 79	8,936 42	145,536 27
Pittsburg No. 2	17,926	9,107	11,259	38,292	29,904	8,388	33,343 34	5,450 63	5,329 62	44,123 59
Glenndale	3,500	1,944	4,200	9,644	9,644	.....	8,091 58	631 85	3,021 70	11,745 13
Soules	.....	.....	3,486	3,486	3,486	.....	2,126 46	302 08	124 00	2,552 54
Shirkie No. 1	53,722	28,851	34,927	117,500	.....	117,500	94,362 95	15,342 75	11,697 55	121,403 25
Deep Vein No. 4* (No. V Seam)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	993,588	599,508	1,027,866	2,620,962	1,225,976	1,394,986	$1,826,565 34	$596,549 49	$177,021 65	$2,510,127 48

*Idle or employing less than ten men.

Warrick County.

Red Shaft	.....	.....	32,134	32,134	32,134	.....	$22,231 47	$4,295 96	$2,430 19	$28,957 62
Chandler	8,965	6,130	4,032	19,127	19,127	.....	12,463 11	2,870 51	1,726 01	17,059 63
Elberfeld	.....	.....	21,699	21,699	21,699	.....	14,776 52	4,198 87	2,884 77	21,860 16
DeForrest	.....	.....	36,359	36,359	1,172	35,187	23,705 97	3,841 34	2,606 70	30,154 01
Sargeant	.....	.....	30,735	30,735	30,735	.....	20,426 61	3,254 73	2,336 52	26,017 86
Electric	.....	.....	2,478	2,478	2,478	.....	1,745 04	623 65	663 75	3,032 44
Epworth	748	475	22,557	23,780	23,780	.....	16,603 56	2,771 99	2,038 53	21,414 08
Castle Garden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brizius	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Advance	1,200	1,000	501	2,701	2,701	.....	1,540 00	.....	1,085 00	2,625 00
Total	10,913	7,605	150,495	169,013	133,826	35,187	$113,492 28	$21,857 05	$15,771 47	$151,120 80
Total hand mined bituminous coal	1,789,635	1,141,698	2,334,434	5,265,767	2,427,328	2,838,439	$3,716,371 53	$1,001,205 53	$390,436 48	$5,108,013 54

BITUMINOUS MACHINE MINES.

Clay County.

NAME OF MINE.	Machine Mined.				Pick Mined.				Distribution.		Wages Paid.			
	Tons of Screened Coal.	Tons of Slack and Nut.	Tons of Mine Run.	Total Tons of All Kinds of Coal Produced.	Tons of Screened Coal.	Tons of Slack and Nut.	Tons of Mine Run.	Total Tons of All Kinds of Coal Produced.	Indiana.	Other States.	To Miners.	To Inside Day Men.	To Outside Day Men.	Total Wages.
Lewis	4,653	2,783	15,896	23,332	7,485	4,191	17,309	28,985	30,434	21,883	$30,812 83	$8,266 40	$6,645 57	$45,724 80
Island Valley No. 4	34,070	13,545	40,311	87,926	2,730	1,273	3,291	7,294	76,853	18,367	51,539 96	21,170 37	10,374 04	83,084 37
Vivian No. 2	14,246	8,866	56,257	79,369	2,110	1,229	11,533	14,872	65,231	29,010	51,285 90	25,448 34	11,011 06	87,745 30
Total	52,969	25,194	112,464	190,627	12,325	6,693	32,133	51,151	172,518	69,260	$133,638 69	$54,885 11	$28,030 67	$216,554 47

Daviess County.

Riverside	.....	.....	1,950	1,950	.....	.....	.....	.....	1,250	700	$1,260 00	$380 25	$319 75	$1,960 00
Total	.....	.....	1,950	1,950	.....	.....	.....	.....	1,250	700	$1,260 00	$380 25	$319 75	$1,960 00

Gibson County.

Fort Branch	15,739	12,429	3,103	31,271	11,420	11,628	1,650	24,698	29,800	26,169	$30,639 33	$6,970 88	$7,315 90	$44,926 11
Oswald	.....	.....	130,665	130,665	.....	.....	17,607	17,607	111,525	36,747	86,402 90	52,532 69	11,995 38	150,930 97
Total	15,739	12,429	133,768	161,936	11,420	11,628	19,257	42,305	141,325	62,916	$117,042 23	$59,503 57	$19,311 28	$195,857 08

Greene County.

North West No. 1	28,744	26,520	82,597	137,861	11,931	10,430	17,649	40,010	121,330	56,541	$99,551 68	$36,035 62	$13,690 49	$149,277 79
North West No. 2*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Green Valley	59,190	33,465	162,786	255,441	.....	.....	.....	.....	252,322	3,119	143,564 30	46,153 54	14,294 72	204,012 56
Monon No. 6	145,383	64,297	123,484	333,164	4,126	2,265	3,503	9,894	165,145	177,913	190,888 36	81,878 98	24,918 41	297,685 75
Monon No. 7	39,169	16,822	145,758	201,749	2,382	1,341	11,023	14,746	165,628	50,867	123,446 66	59,495 44	18,596 18	201,538 28

Summitt No. 2	11,624	18,300	26,083	56,007	1,543	368	1,823	3,734	52,392	7,349	31,795 68	21,065 49	5,266 38	58,127 55
Vandalia No. 8	55,392	31,885	1,407	88,684	14,387	7,192	185	21,764	94,506	15,942	66,952 65	39,403 17	12,341 41	118,697 23
Vandalia No. 9	79,212	51,975	221,278	352,465	2,761	1,379	10,597	14,737	345,128	22,074	198,145 54	79,590 98	17,596 20	295,332 72
Vandalia No. 20	182,426	68,549	55,384	306,359	53,323	26,661	19,147	99,131	389,453	16,037	233,094 52	53,726 72	16,989 23	303,810 47
Vandalia No. 21	93,758	41,147	2,944	137,849	8,595	4,297	204	13,096	144,510	6,435	83,608 16	22,976 28	10,599 44	117,183 88
Twin No. 4*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Twin No. 5	76,483	29,821	43,105	149,409	26,340	10,115	17,214	53,669	160,909	42,169	117,674 70	30,010 10	11,710 20	159,395 00
Antioch	17,706	9,670	37,149	64,525	3,421	1,806	13,116	18,343	66,805	16,063	43,780 09	11,874 50	9,916 28	65,570 87
Black Creek No. 2	112,627	47,869	38,721	199,217	9,846	4,695	3,581	18,122	160,439	56,900	127,102 96	35,196 52	13,623 12	175,922 60
Queen No. 4	386	190	1,325	1,901	1,465	589	691	2,745	4,120	526	836 33	7,706 50	4,800 60	13,343 43
Total	902,100	440,510	942,021	2,284,631	140,120	71,138	98,733	309,991	2,122,687	471,935	$1,460,441 63	$525,113 84	$174,342 66	$2,159,898 13
Knox County.														
Bicknell	44,882	15,689	97,799	158,370	171	60	458	689	128,666	30,393	$85,329 65	$18,623 23	$11,491 49	$115,444 37
Indian Creek	261,332	83,982	99,909	445,223	.....	.....	.....	.....	366,033	79,190	256,445 31	43,407 96	29,748 39	329,601 66
Knox	113,626	53,012	46,863	213,501	26,746	12,813	12,800	52,359	182,488	83,372	148,618 15	43,766 07	18,808 67	211,192 89
Linn	1,106	582	5,348	7,036	1,175	1,015	11,381	13,571	18,927	1,680	13,813 98	4,577 83	2,574 89	20,966 70
Tecumseh No. 1	205,781	89,437	96,472	391,690	3,093	1,609	1,863	6,565	241,018	157,237	233,285 48	49,649 89	18,170 04	301,105 41
Tecumseh No. 2	128,509	46,681	61,097	236,287	10,939	5,415	5,934	22,288	148,134	110,441	152,235 24	38,626 50	13,760 08	204,621 82
Total	755,236	289,383	407,488	1,452,107	42,124	20,912	32,436	95,472	1,085,266	462,313	$889,727 81	$198,651 48	$94,553 56	$1,182,932 85
Parke County.														
Harrison*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Parke No. 12	.....	.....	310,036	310,036	.....	.....	33,149	33,149	293,739	49,446	$202,600 73	$55,857 41	$17,248 73	$275,706 87
Lyford No. 1	520	.....	115,895	116,415	160	.....	3,046	3,206	107,600	12,021	72,263 91	55,697 32	19,392 12	147,353 35
Total	520	.....	425,931	426,451	160	.....	36,195	36,355	401,339	61,467	$274,864 64	$111,554 73	$36,640 85	$423,060 22
Pike County.														
Ayrshire No. 4	74,458	64,218	29,366	168,042	3,250	2,523	1,487	7,260	130,254	45,048	$93,546 96	$31,199 72	$14,832 71	$139,579 39
Ayrshire No. 5	6,200	4,861	2,589	13,650	4,296	3,449	.....	7,745	18,408	2,987	13,260 09	7,680 16	4,846 98	25,787 23
Ayrshire No. 7	46,249	41,390	19,178	106,817	50	34	.....	84	85,045	21,856	54,740 46	27,694 58	11,594 65	94,029 69
Muren	12,877	17,724	9,508	40,109	.....	.....	.....	.....	22,410	17,699	21,054 66	10,586 75	7,456 21	39,097 62
Littles	1,366	2,672	648	4,686	48,700	90,135	8,825	147,660	49,090	103,256	96,900 70	34,391 64	12,666 61	143,958 95
Peacock No. 2	13,465	6,526	1,847	21,838	5,838	2,528	1,646	10,012	29,640	2,210	20,141 79	5,634 05	5,256 83	31,032 67
Total	154,615	137,391	63,136	355,142	62,134	98,669	11,958	172,761	334,847	193,056	$299,644 66	$117,186 90	$56,653 99	$473,485 55

*Idle or employing less than ten men.

TABLE

Exhibiting the Number of Miners, the Number of Inside Day and Monthly Employes, the Number of Outside Day and Monthly Employes, the Total Wages Earned by Each Class of Labor, and the Average Earnings per Emyloye in the Block and Bituminous Mines, Each Shown Separately.

BLOCK COAL HAND MINES.

County.	Number of Miners.	Total Wages.	Average Wages.	Inside Employes.	Total Wages.	Average Wages.	Outside Employes.	Total Wages.	Average Wages.
Clay	448	$232,075 76	$518 03	139	$100,309 40	$721 65	54	$34,692 82	$642 46
Parke	87	38,966 71	447 89	19	11,593 09	610 16	17	7,131 06	419 47
Perry	15	3,744 70	249 65	2	1,013 45	506 72	.....	.....	.....
General average for block coal hand mines	550	$274,787 17	$499 61	160	$112,915 94	$705 10	71	$41,823 88	$589 07

BLOCK COAL MACHINE MINES.

County.	Number of Miners.	Total Wages.	Average Wages.	Inside Employes.	Total Wages.	Average Wages.	Outside Employes.	Total Wages.	Average Wages.
Clay	30	$10,303 67	$343 46	8	$8,619 73	$1,077 46	5	$4,261 05	$852 21
Parke	63	29,964 92	475 63	30	15,393 68	513 12	9	7,327 50	814 16
Vigo	198	93,254 92	470 98	82	50,606 50	617 15	36	24,013 70	667 04
General average for block coal machine mines	291	$133,523 51	$458 84	120	$74,619 91	$621 83	50	$35,602 25	$712 04
General average for all block coal mines	841	$408,310 68	$485 51	280	$187,535 85	$669 77	121	$77,426 13	$639 88

BITUMINOUS HAND MINES.

County.	Number of Miners.	Total Wages.	Average Wages.	Inside Employes.	Total Wages.	Average Wages.	Outside Employes.	Total Wages.	Average Wages.
Clay	162	$96,848 12	$597 83	40	$31,293 89	$782 35	16	$12,037 11	$752 32
Daviess	104	52,332 35	503 19	25	10,406 04	416 24	13	2,665 35	205 03
Fountain	25	11,307 04	452 28	3	2,191 20	730 40	4	1,730 46	432 62
Gibson	19	11,159 65	587 35	3	2,278 77	759 59	3	2,950 20	983 40
Greene	153	109,482 45	715 57	49	29,606 65	604 22	18	13,734 09	763 01
Knox	82	81,612 61	995 27	20	17,663 72	883 19	11	9,330 15	848 20
Parke	25	2,112 41	84 48	9	747 09	83 01	5	376 72	75 35

Perry									
Pike	126	52,436 70	436 97	35	15,393 49	439 81	17	7,216 98	424 53
Spencer									
Sullivan	327	211,950 32	648 17	98	82,006 98	836 80	40	29,775 19	744 38
Vanderburgh	280	208,054 42	743 05	90	66,197 22	735 52	40	30,037 18	750 93
Vermillion	1,146	939,017 84	810 66	291	215,022 94	738 91	98	87,789 93	895 81
Vigo	2,455	1,826,565 34	744 02	634	506,540 49	798 96	186	177,021 65	951 72
Warrick	205	113,492 28	553 62	45	21,857 05	485 71	36	15,771 47	438 10
General average for bituminous coal hand mines	5,109	$3,716,371 53	$727 42	1,342	$1,001,205 53	$746 05	487	$390,436 48	$801 72

BITUMINOUS MACHINE MINES.

Clay	287	$133,638 69	$465 64	111	$54,885 11	$494 46	36	$28,030 67	$778 63
Daviess	22	1,260 00	57 27	6	380 25	63 38	6	319 75	53 29
Gibson	163	117,042 23	718 05	70	59,503 57	850 05	19	19,311 28	1,016 38
Greene	1,957	1,460,441 63	746 26	692	525,113 84	758 83	213	174,342 66	818 51
Knox	990	889,727 81	898 71	258	198,651 48	769 97	100	94,553 56	945 53
Parke	341	274,864 64	806 05	120	111,554 73	929 62	41	36,640 85	893 68
Pike	534	299,644 66	561 13	133	117,186 90	881 10	59	56,653 99	960 24
Sullivan	2,730	1,745,142 69	639 25	1,123	806,267 32	717 96	414	277,852 50	671 14
Vermillion	565	552,224 12	977 38	227	182,362 11	803 36	51	87,429 83	1,714 31
Vigo	1,211	1,056,232 03	872 12	365	357,001 84	978 09	128	110,601 56	864 07
Warrick	390	245,309 89	629 00	84	58,058 23	691 17	57	46,481 01	815 46
General average for bituminous coal machine mines	9,190	$6,775,528 39	$737 27	3,189	$2,470,965 38	$774 84	1,124	$932,217 66	$829 37
General average for hand bituminous mines	5,109	$3,716,371 53	$727 42	1,342	$1,001,205 53	$746 05	487	$390,436 48	$801 72
General average for the State	15,140	$10,900,210 60	$719 96	4,811	$3,659,706 76	$760 69	1,732	$1,400,080 27	$808 36

RECAPITULATION

Showing Total Production and Wages of Indiana Mines for the Fiscal Year Ending September 30, 1913.

TOTAL PRODUCTION OF BLOCK COAL.

NAME OF MINE.	Machine Mined.				Pick Mined.				Distribution.		Wages Paid.			
	Tons of Screened Coal.	Tons of Slack and Nut.	Tons of Mine Run.	Total Tons of All Kinds of Coal Produced.	Tons of Screened Coal.	Tons of Slack and Nut.	Tons of Mine Run.	Total Tons of All Kinds of Coal Produced.	Indiana.	Other States.	To Miners.	To Inside Day Men.	To Outside Day Men.	Total Wages.
Total machine mined block coal	108,217	23,070	.....	131,287	19,773	5,745	.....	25,518	47,469	109,336	$133,523 51	$74,619 91	$35,602 25	$243,745 67
Total hand mined block coal	.....	.....	.....	.....	215,669	48,551	24,560	288,780	156,053	132,727	$274,787 17	$112,915 94	$41,823 88	$429,526 99
Tota block coal	343,659	77,366	24,560	445,585	.....	.....	.....	.....	203,522	242,063	$408,310 68	$187,535 85	$77,426 13	$673,272 66

TOTAL PRODUCTION OF BITUMINOUS COAL

Total bituminous machine mined coal	3,488,784	1,702,409	4,315,421	9,506,614	679,321	414,745	934,533	2,028,599	7,651,008	3,884,205	$6,775,528 39	$2,470,965 38	$932,217 66	$10,178,711 43
Total bituminous hand mined coal	.....	.....	.....	.....	1,789,635	1,141,698	2,334,434	5,265,767	2,427,328	2,838,439	$3,716,371 53	$1,001,205 53	$390,436 48	$5,108,013 54
Total bituminous coal	5,957,740	3,258,852	7,584,388	16,800,980	.....	.....	.....	.....	10,078,336	6,722,644	$10,491,899 92	$3,472,170 91	$1,322,654 14	$15,286,724 97
Total machine mined coal	3,597,001	1,725,479	4,315,421	9,637,901	699,094	420,490	934,533	2,054,117	7,698,477	3,993,541	$6,909,051 90	$2,545,585 29	$967,819 91	$10,422,457 10
Total hand mined coal	.....	.....	.....	.....	2,005,304	1,190,249	2,358,994	5,554,547	2,583,381	2,971,166	$3,991,158 70	$1,114,121 47	$432,260 36	$5,537,540 53
Grand total	6,301,399	3,336,218	7,608,948	17,246,565	.....	.....	.....	.....	10,281,858	6,964,707	$10,900,210 60	$3,659,706 76	$1,400,080 27	$15,959,997 63

Total hand mined coal including that produced by hand in machine mines ..... 7,608,664 short tons.
Total machine mined coal ..... 9,637,901 short tons.
Total estimated tonnage local mines employing less than ten men and strip banks ..... 400,000 short tons.
Grand total for all mines in the State ..... 17,646,565 short tons.

TABLE

Showing by Counties, Production of Block Coal, Giving Tons Mined from Each Seam Separately.

Geological Seam.	IV.	III.	Rider.	Total.
Clay	110,461	139,424	467	250,352
Parke	22,647	57,618	.....	80,265
Vigo	73,236	36,144	.....	109,380
Perry	.....	5,588	.....	5,588
Total	206,344	238,774	467	445,585

Note—IV seam is locally known as "upper block and III lower block."

TABLE

Showing by Counties, Production of Bituminous Coal, Giving Tons Mined from Each Seam Separately.

Geological Seam.	VII.	VI.	V.	IV.	III.	Minsh.	Cannel.	Totals.
Vigo	227,470	11,113	1,203,871	1,724,817	917,331	282,963	.....	4,367,565
Sullivan	.....	2,052,136	586,769	396,281	203,456	.....	.....	3,238,642
Greene	.....	.....	646,113	2,106,902	.....	.....	.....	2,753,015
Vermillion	.....	.....	900,628	922,582	281,019	.....	.....	2,104,229
Knox	.....	20,607	1,644,012	.....	.....	.....	.....	1,664,619
Clay	.....	.....	52,317	189,461	110,889	25,370	.....	378,037
Warrick	.....	.....	619,614	.....	.....	.....	.....	619,614
Pike	.....	31,850	578,773	.....	.....	.....	.....	610,623
Parke	.....	.....	.....	.....	462,806	3,165	.....	465,971
Vanderburgh	.....	.....	288,058	.....	.....	.....	.....	288,058
Gibson	.....	.....	219,552	.....	.....	.....	.....	219,552
Daviess	.....	.....	72,606	.....	.....	.....	2,865	75,471
Fountain	.....	.....	.....	.....	15,584	.....	.....	15,584
Totals	227,470	2,115,706	6,812,313	5,340,043	1,991,085	311,498	2,865	16,800,980

TABLE

Showing Number of Miners, Machine Runners and Helpers, Loaders, Inside Day and Monthly Men, Persons Employed Outside; Total Number of Employes at Each Mine, Number of Days Worked and Number of Mules Used; Totals by Counties, the Block and Bituminous Mines Shown Separately for the Fiscal Year Ending September 30, 1913.

BLOCK HAND MINES.

Clay County.

Name of Mine.	Miners.	Inside Employes.	Outside Employes.	Total Employes.	Days Worked.	Mules Used.	Powder.
Monarch	24	8	3	35	288	5	1,594
Brazil Clay Co. No. 1	10	4	1	15	259	2	46
Plymouth No. 2	68	20	7	95	199	8	3,388
Crawford No. 10	72	31	9	112	167	8	3,770
Crawford No. 11	34	12	5	51	133	3	1,022
Eureka No. 5	82	28	8	118	172	11	3,204
German No. 1	9	3	2	14	203	1	434
Givens No. 1	32	6	2	40	285	2	1,452
Harrison No. 5	11	1	2	14	99	1	138
Brazil Block No. 4	34	14	6	54	269	7	1,364
Pyrah*							
Schrepferman No. 4	61	10	7	78	166	4	1,761
Treager No. 2*							
West Side No. 1	11	2	2	15	71	1	88
Progressive*							
Total	448	139	54	641	2,311	53	18,261

*Working less than ten men or idle.

Parke County.

S. B. No. 1	11	1	3	15	174	2	453
Brazil Block No. 9	23	8	4	35	214	3	738
Moore*							
Superior No. 5	53	10	10	73	113	4	662
Total	87	19	17	123	501	9	1,853

*Working less than ten men.

Perry County.

Kelly	15	2		17	249	2	10
Total	15	2		17	249	2	10
Total for block hand mines	550	160	71	781	3,061	64	20,124

BLOCK COAL MACHINE MINES.

Clay County.

Name of Mine.	Miners.	Machine Runners and Helpers.	Loaders.	Inside Employes.	Outside Employes.	Total Employes.	Days Worked.	Mules Used.	Powder.
Crawford No. 12	12	4	14	8	5	43	185	2	809
Total.	12	4	14	8	5	43	185	2	809

Parke County.

Superior No. 6	6	10	47	30	9	102	151	5	496
Total	6	10	47	30	9	102	151	5	496

Vigo County.

Domestic Block No. 1	12	10	39	23	13	97	117	10	600
Mary No. 2	6	14	49	32	10	111	188	10	931
Plymouth No. 1	16	12	40	27	13	108	160	10	1,110
Total	34	36	128	82	36	316	465	30	2,641
Total for machine block mines	52	50	189	120	50	461	801	37	3,946
Total for hand block mines	550	.....	.....	160	71	781	3,061	64	20,124
Total for all block mines	602	50	189	280	121	1,242	3,862	101	24,070

BITUMINOUS HAND MINES.

Clay County.

Name of Mine.	Miners.	Inside Employes.	Outside Employes.	Total Employes.	Days Worked.	Mules Used.	Powder.
Collieries No. 1	36	6	6	48	220	3	2,444
Vivian No. 1*	.....	.....	.....	.....	.....	.....	.....
Klondyke No. 3	126	34	10	170	184	13	4,027
Total	162	40	16	218	404	16	6,471

*Idle.

Daviess County.

Montgomery No. 4 and 5	56	13	7	76	243	10	3,704
Washington No. 4*	.....	.....	.....	.....	.....	.....	.....
Mutual	48	12	6	66	12	6	100
Total	104	25	13	142	255	16	3,804

*Working less than ten men or idle.

Fountain County.

Indio	25	3	4	32	183	1	594
Total	25	3	4	32	183	1	594

Gibson County.

Francisco	19	3	3	25	151	2	740
Total	19	3	3	25	151	2	740

BITUMINOUS HAND MINES—Continued.

Greene County.

Queen No. 1	103	23	8	134	202	6	8,483
Queen No. 2	17	8	4	29	94	1	485
Queen No. 3	.....	13	2	15	30	1	145
Twin Oak	33	5	4	42	226	3	1,612
North Linton*	.....	.....	.....	.....	.....	.....	.....
Monarch*	.....	.....	.....	.....	.....	.....	.....
Total	153	49	18	220	552	11	10,725

*Working less than ten men or idle.

Knox County.

Wheatland	82	20	11	113	240	9	5,300
Total	82	20	11	113	240	9	5,300

Parke County.

Fairview	25	9	5	39	24	6	138
Total	25	9	5	39	24	6	138

Pike County.

Fox Hill No. 1	12	5	2	19	74	3	274
Blackburn No. 1	21	7	6	34	122	5	1,009
Blackburn No. 2	93	23	9	125	127	9	3,094
Hartwell No. 1*	.....	.....	.....	.....	.....	.....	.....
Hartwell No. 2*	.....	.....	.....	.....	.....	.....	.....
Hartwell No. 3*	.....	.....	.....	.....	.....	.....	.....
Hartwell No. 4*	.....	.....	.....	.....	.....	.....	.....
Total	126	35	17	178	323	17	4,377

*Working less than ten men or idle.

Spencer County.

Lincoln*	.....	.....	.....	.....	.....	.....	.....

*Idle.

Sullivan County.

Hamilton	165	48	17	230	226	14	9,948
Bellevue*	.....	.....	.....	.....	.....	.....	.....
Keystone	72	35	9	116	181	12	3,758
Keeley	10	2	3	15	161	2	512
Larsh*	.....	.....	.....	.....	.....	.....	.....
Superior*	.....	.....	.....	.....	.....	.....	.....
Black Hawk	72	10	7	89	20	4	444
Carlisle	8	3	4	15	119	2	310
Total	327	98	40	465	707	34	14,972

*Working less than ten men or idle.

Vanderburgh County.

Unity	119	38	14	171	230	12	7,405
Diamond	41	10	8	59	165	7	1,792
Ingleside	57	23	11	91	221	13	2,208
Sunnyside	63	19	7	89	195	11	2,057
Total	280	90	40	410	811	43	13,462

BITUMINOUS HAND MINES—Continued.

Vermillion County.

Crown Hill No. 1	44	15	6	65	236	5	3,427
Crown Hill No. 2	169	40	13	222	203	15	13,159
Crown Hill No. 4	131	33	11	175	218	Motors.	9,970
Crown Hill No. 5	145	32	9	186	199	16	13,679
Crown Hill No. 6	50	7	5	62	209	4	3,608
Oak Hill No. 2	156	34	10	200	218	18	12,072
Oak Hill No. 5	80	26	12	118	193	12	9,307
Dering No. 8	305	89	21	415	206	27	13,715
Eureka*	.....	.....	.....	.....	.....	.....	.....
Shirkie-Bogle	58	11	6	75	283	5	5,405
West Clinton No. 1	8	4	5	17	6	.....	75
Total	1,146	291	98	1,535	1,971	102	84,417

*Working less than ten men or idle.

Vigo County.

Clay County No. 1	87	23	10	120	163	8	3,751
Dering No. 6	88	36	9	133	170	11	5,321
Ray No. 2	50	11	5	66	58	8	1,387
Fauvre No. 2	59	13	8	80	216	6	4,078
Pine Ridge	100	21	11	132	222	6	7,303
Lower Vein No. 1	184	47	10	241	221	15	11,051
Miami No. 4	97	36	8	141	273	15	6,069
Miami No. 5	74	29	6	109	217	16	4,024
Miami No. 6	107	32	10	149	239	13	9,300
Miami No. 8	279	59	14	352	211	25	16,613
Harrison	40	5	3	48	209	4	2,007
Pittsburg No. 1	196	66	14	276	242	20	10,849
Atherton	117	43	12	172	245	15	9,223
National	57	6	5	68	241	3	3,236
Sugar Valley	31	5	4	40	228	4	1,557
Vandalia No. 69	242	71	12	325	277	24	16,184
Minshall	214	51	10	275	223	18	9,635
Riverside	154	33	8	195	224	17	10,592
Wisard No. 2	129	22	10	161	247	13	9,440
Pittsburg No. 2	35	6	3	44	242	3	2,660
Glendale	14	3	4	21	234	1	709
Soules	10	2	1	13	57	1	182
Shirkie No. 1	91	14	9	114	263	7	9,062
Total	2,455	634	186	3,275	4,922	253	154,233

Warrick County.

Red Shaft	29	5	5	39	194	3	1,669
Chandler	24	5	3	32	144	2	939
Elberfeld	35	10	7	52	99	8	1,012
DeForrest	26	6	4	36	236	4	1,395
Sargeant	29	5	4	38	243	4	1,471
Electric	19	7	5	31	13	4	95
Epworth	33	6	6	45	125	3	1,309
Castle Garden*	.....	.....	.....	.....	.....	.....	.....
Brisius*	.....	.....	.....	.....	.....	.....	.....
Advance	10	1	2	13	79	1	160
Total	205	45	36	286	1,133	29	8,050
Total for bituminous hand mines	5,109	1,342	487	6,938	11,676	539	307,283

*Working less than ten men or idle.

BITUMINOUS MACHINE MINES.

Clay County.

Name of Mine.	Miners.	Machine Runners and Helpers.	Loaders.	Inside Employes.	Outside Employes.	Total Employes.	Days Worked.	Mules Used.	Powder.
Lewis	48	12	33	36	9	138	80	13	1,412
Island Valley No. 4	9	16	105	46	15	191	105	13	1,120
Vivian No. 2	8	13	43	29	12	105	226	9	1,679
Total	65	41	181	111	36	434	411	35	4,211

Daviess County.

Riverside	.....	6	16	6	6	34	8	3	21
Total	.....	6	16	6	6	34	8	3	21

Gibson County.

Oswald	12	14	68	58	13	165	236	15	2,254
Fort Branch*	36	4	29	12	6	87	150	3	1,204
Total	48	18	97	70	19	252	386	18	3,458

*Used 52 cases of Hoynsite.

Greene County.

North West No. 1	21	14	91	40	15	181	224	15	2,256
North West No. 2*	.....	.....	.....	.....	.....	.....	.....	.....	.....
Green Valley	.....	28	179	59	13	279	165	17	2,791
Monon No. 6	9	34	185	99	34	361	233	30	3,035
Monon No. 7	13	20	134	72	22	261	246	18	2,099
Summit No. 2	9	18	98	62	14	201	86	33	599
Vandalia No. 8	29	20	91	60	18	218	266	8	1,670
Vandalia No. 9	10	20	187	96	22	335	263	27	3,258
Vandalia No. 20	82	26	166	73	22	369	243	20	5,718
Vandalia No. 21	9	12	85	34	15	155	228	7	1,415
Twin No. 4*	.....	.....	.....	.....	.....	.....	.....	.....	.....
Twin No. 5	36	14	99	36	11	196	169	16	3,243
Antioch	16	14	53	16	10	109	183	6	1,692
Black Creek No. 2	9	16	97	35	11	168	226	15	2,206
Queen No. 4	.....	4	9	10	6	29	156	1	249
Total	243	240	1,474	692	213	2,862	2.688	213	30,231

*Working less than ten men or idle.

Knox County.

Bicknell	.....	12	84	23	17	136	189	9	1,366
Indian Creek	.....	26	193	54	21	294	224	5	4,808
Knox	46	18	99	57	20	240	237	20	4,597
Linn	15	8	.....	8	4	35	144	4	941
Tecumseh No. 1	3	60	199	54	16	332	244	14	4,276
Tecumseh No. 2	11	24	192	62	22	311	167	14	3,157
Total	75	148	767	258	100	1,348	1,205	66	19,145

BITUMINOUS MACHINE MINES—Continued.

Parke County.

Harrison*	.....	.....	.....	.....	.....	.....	.....	.....	.....
Parke No. 12	29	66	142	65	20	322	220	21	4,825
Lyford No. 1	7	38	59	55	21	180	227	16	1,941
Total	36	104	201	120	41	502	447	37	6,766

*Working less than ten men or idle.

Pike County.

Ayrshire No. 4	12	14	126	36	18	206	215	12	2,460
Ayrshire No. 5	23	4	16	8	5	56	117	3	529
Ayrshire No. 7	.....	12	74	21	11	118	238	2	1,463
Muren	.....	8	45	17	7	77	160	4	598
Littles	152	2	7	41	10	212	226	21	6,783
Peacock No. 2	12	4	23	10	8	57	152	4	808
Total	199	44	291	133	59	726	1,108	46	12,641

Sullivan County.

Consolidated No. 25	1	12	68	34	19	134	130	9	1,152
Consolidated No. 26	2	18	83	62	20	185	93	13	933
Consolidated No. 28*	.....	.....	.....	.....	.....	.....	.....	.....	.....
Consolidated No. 30	.....	22	123	67	25	237	159	23	1,933
Consolidated No. 32	80	12	57	70	25	244	153	23	4,619
Consolidated No. 33	139	8	42	86	27	302	214	23	7,186
Dering No. 13*	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dering No. 14	.....	16	84	46	22	168	207	13	1,592
Shirley Hill No. 3	16	18	124	43	19	220	170	17	2,810
Jackson Hill No. 2	51	2	5	11	7	76	214	6	2,817
Jackson Hill No. 4	.....	20	109	74	17	220	166	20	1,492
Kettle Creek	.....	8	40	16	8	72	142	10	500
Monon No. 2	9	20	105	54	12	200	136	14	1,490
Monon No. 3	2	27	133	55	20	237	158	16	1,522
Monon No. 4	.....	22	119	52	18	211	75	13	709
Monon No. 5	6	20	113	94	22	255	136	20	1,372
Monon No. 13	69	10	54	67	21	221	216	14	6,521
Monon No. 14	95	15	93	60	19	282	116	16	4,730
Monon No. 15	9	15	95	40	17	176	261	20	2,702
Reliance	4	19	88	39	17	167	130	17	1,083
Sunflower	.....	22	145	46	17	230	180	16	1,813
Vandalia No. 10	.....	22	185	82	25	314	251	28	4,090
Wooley No. 8a	.....	10	26	21	19	76	162	3	283
Peerless No. 27	.....	5	13	4	18	40	66	3	89
Total	483	343	1,904	1,123	414	4,267	3,535	337	51,438

a Permissbile explosive. *Idle.

Vermillion County.

Universal No. 4	16	26	138	87	13	280	289	17	5,763
Universal No. 5	110	2	10	47	9	178	260	10	11,792
Crown Hill No. 3	85	22	33	30	12	182	206	14	9,272
Oak Hill No. 1	21	4	15	25	8	73	130	6	1,873
Oak Hill No. 3	74	2	7	38	9	130	244	9	6,656
Total	306	56	203	227	51	843	1,129	56	35,356

BITUMINOUS MACHINE MINES—Continued.

Vigo County.

Deep Vein No. 4	12	14	123	63	15	227	195	17	2,965
Glen Ayr No. 1	7	30	172	54	17	280	184	17	3,168
Glen Ayr No. 2	63	12	24	24	8	131	91	9	1,513
Jackson Hill No. 5	.....	18	144	33	15	210	219	12	2,425
Speedwell No. 2	.....	12	116	36	15	179	224	12	2,605
Vandalia No. 67	99	4	20	43	13	179	229	11	5,389
Wabash	16	21	213	75	18	343	246	23	4,845
Shirkie No. 2	3	4	8	6	3	24	189	1	518
Maple Grove	9	20	15	14	11	69	194	1	757
Vandalia No. 82	21	4	7	17	13	62	106	2	539
Total	230	139	842	365	128	1,704	1,877	105	24,724

Warrick County.

Big Four No. 2 and No. 3	.....	20	58	17	18	113	170	10	1,317
Dawson	.....	16	38	12	6	72	269	10	796
Erie Canal	.....	8	51	20	8	87	174	10	899
Korff	.....	10	30	7	7	54	176	4	539
John Bull	10	14	31	9	7	71	147	5	2,247
Polk Patch No. 5 and No. 7	.....	28	76	19	11	134	184	7	1,770
Total	10	96	284	84	57	531	1,120	46	7,568
Total for bituminous machine mines	1,695	1,235	6,260	3,189	1,124	13,503	13,914	962	195,559
Total for bituminous hand mines	5,109	.....	.....	1,342	487	6,938	11,676	539	307,283
Total for all bituminous mines	6,804	1,235	6,260	4,531	1,611	20,441	25,590	1,501	502,842

RECAPITULATION.

	Miners.	Machine Runners and Helpers.	Loaders.	Inside Employes.	Outside Employes.	Total Employes.	Days Worked.	Mules Used.	Powder.
Block hand mines	550	.....	.....	160	71	781	3,061	64	20,124
Block machine mines	52	50	189	120	50	461	801	37	3,946
Bituminous hand mines	5,109	.....	.....	1,342	487	6,938	11,676	539	307,283
Bituminous machine mines	1,695	1,235	6,260	3,189	1,124	13,503	13,914	962	195,559
Total for all the mines	7,406	1,285	6,449	4,811	1,732	21,683	29,452	1,602	526,912

Note.—Total kegs of powder used were 526,912, of which 526,577 were black powder, 283 cases "Permissible explosives," and 52 cases of "Hoynsite" safety powder.

TABLE

Showing by Counties the Total Number of Kegs of Powder Used in the Fiscal Year Ending September 30, 1913, the Number of Kegs per Miner, the Total Tons of Coal Produced and the Number of Tons Produced per Keg of Powder, the Block and Bituminous Mines Each Shown Separately, as are the Machine and Hand Mines—Also a General Average of Tons Produced per Keg in all the Mines of the State Combined.

BLOCK COAL HAND MINES.

County.	Tons Produced.	Kegs Powder.	Number Miners.	Kegs per Miner.	Tons per Keg.
Clay	240,723	18,261	448	40+	13+
Parke	42,469	1,853	87	21+	23—
Perry	5,588	10	15	1—	558
General average	288,780	20,124	550	36+	14+

BLOCK COAL MACHINE MINES.

Clay	9,629	809	30	27—	12—
Parke	37,796	496	63	18—	76—
Vigo	109,380	2,641	198	13+	41+
General average	156,380	3,946	291	14+	39+
General average block hand mines	288,780	20,124	550	36+	14+
General average for all block mines	445,585	24,070	841	28.6	18.5

BITUMINOUS HAND MINES.

Clay	136,259	6,471	162	40—	21+
Daviess	73,521	3,804	104	36+	19+
Fountain	15,584	594	25	24+	26+
Gibson	15,311	740	19	39—	21+
Greene	158,393	10,725	153	70+	15—
Knox	117,040	5,300	82	65—	22
Parke	3,165	138	25	6—	23—
Pike	82,720	4,377	126	35—	19—
Sullivan	312,143	14,972	327	46—	21+
Vanderburgh	288,058	13,462	280	48+	21+
Vermillion	1,273,598	84,417	1,146	74—	15+
Vigo	2,620,962	154,233	2,455	63—	17—
Warrick	169,013	8,050	205	39+	21—
General average	5,265,767	307,283	5,109	38.27	26.9

BITUMINOUS MACHINE MINES.

Clay	241,778	4,211	287	15—	58—
Daviess	1,950	21	22	1	93—
Gibson	204,241	3,458	163	21+	59+
Greene	2,594,622	30,231	1,957	15+	86—
Knox	1,547,579	19,145	990	19+	81—
Parke	462,866	6,766	341	20—	68+
Pike	527,903	12,641	534	24—	41+
Sullivan	2,926,499	51,438	2,730	19—	57—
Vermillion	830,631	35,356	565	62+	23+
Vigo	1,746,603	24,724	1,211	20+	71—
Warrick	450,601	7,568	390	19+	51—
General average	11,535,213	195,559	9,190	33.4	50.5
General average bituminous hand mines	5,265,767	307,283	5,109	38.27	26.9
General average for all bituminous mines	16,800,980	502,842	14,299	35.16	33.21

RECAPITULATION.

General average for block hand mines	288,780	20,124	550	36+	14+
General average for block machine mines	156,805	3,946	291	14+	39+
General average for bituminous hand mines	5,265,767	307,283	5,109	38.27	26.9
General average for bituminous machine mines	11,535,213	195,559	9,190	33.4	50.5
Total general average for all mines in the State	17,246,565	526,912	15,140	34.74	32.73

Note.—Total kegs of powder used include 252 cases "Permissible Explosives" and 52 cases "Hoynsite."

TABLE

Showing Tons of Pick and Machine Mined Coal, Together with the Number of Kegs of Powder Used, Each Shown Separately and the Total Number of Tons Produced per Keg of Powder for the Years 1906 to 1913 Inclusive.

Year.	Pick Mined.	Kegs of Powder.	Machine Mined.	Kegs of Powder.	Tons Per Keg.
1906	7,219,566	328,104	4,202,461	98,921	26.8
1907	6,930,834	357,518	6,319,881	118,470	27.79
1908	6,628,393	271,705	5,368,911	129,642	29.8
1909	6,569,718	269,823	7,122,371	151,723	32.5—
1910	7,236,877	388,201	10,888,367	200,429	32—
1911*	3,716,036.3	199,476	5,855,253+	104,762	31.47
1912	6,845,715—	282,209	7,358,863+	158,770	32.2—
1913	5,554,547	215,683	11,692,018	311,229	32.73

*For the first nine months of the year 1911.

THE COAL FIELD OF INDIANA.

The coal field of Indiana is classified as bituminous, although it is perhaps better known, locally, under four heads: Bituminous, Minshall, Block and Cannel. The "Bituminous," or upper beds, which show remarkable persistency over large areas, have been distinguished by numerals in the following order: Nos. VII, VI, V, IV and III seams, numbering from the surface down. These seams are being worked most extensively, and range from five to eight feet in thickness; a majority of the mines have coal five or more feet in thickness.

Underlying the "Bituminous" or upper seams in order are the Minshall, Upper Block No. IV, Lower Block No. III and Cannel coal. In general these seams are mined successfully and economically. They are usually soft enough to make mining fairly easy; do not require breaking for market and in general have a fair roof, though in a number of districts the roof is poor and a source of much trouble and expense. In some districts the floor tends to creep and gas is met to a slight extent in a number of mines. Overlying or between these seams are a number of smaller seams, their thickness and character being such as to make their mining unprofitable at the present time.

The coal measures occur in horizontal layers or beds like a layer of rock lying between other layers of rock, and slope downward to the west and southwest. The following counties, according to the last survey of the Indiana coal fields, are practically all underlain with coal: Parke, Vermillion, Posey, Vanderburgh, Warrick, Vigo, Clay, Sullivan, Greene, Pike, Knox, Daviess, Martin, Gibson and Dubois, sixteen in all. The following counties are in a greater or less degree underlain with coal: Warren, Fountain, Montgomery, Putnam, Owen, Lawrence, Orange, Crawford and Perry, nine counties, or a total of twenty-five.

MINE EQUIPMENT.

A number of mines work as many as three seams. The large majority of the mines reach the coal by shafts at depths of from twenty-four to four hundred forty feet, there being but few slopes and drifts. As a whole the mines are well laid out and equipped with modern machinery, including the very latest mining machines, electric motors, self-dumping cages, washers, box-car loaders, ventilating fans, hoisting engines, pumps, etc.

MARKET FOR INDIANA COAL.

Indiana coal is used for all purposes all over the State, except possibly the northeast corner and the eastern edge and southeastern corner bordering the Ohio River. It is used largely in Chicago and eastern Illinois and to a smaller extent in St. Louis and points in western Illinois and further west, as well as northwest of Chicago.

TABLE

Exhibiting the Names of Coal Companies, Names of the Mines Operated by Them, the Depth of Overlying Strata, Geological Number of the Different Coal Seams Mined, Thickness of Seam in Feet and Inches and the Character of the Coal.

CLAY COUNTY.

Name of Company.	Name of Mine.	Depth of Overlying Strata.	Geological Number of Seam.	Thickness of Seam in Feet and Inches.	Character of Coal.
American Sewer Pipe Co	Monarch	75	IV.	2′ 6″	Block.
Big Vein Mining Co	Lewis	80	V.	8′	Bituminous.
Brazil Clay Co	Brazil Clay	110	Rider.	1′ 5″	Block.
Coal Bluff Mining Co	Plymouth No. 2	115	III.	3′ 6″	Block.
Crawford Coal Co	Crawford No. 10	120	IV.	3′ 10″	Block.
Crawford Coal Co	Crawford No. 12	150	IV.	4′	Block.
Ehrlich-Pierce Mining Co	Klondyke No. 3	100	III.	7′ 6″	Bituminous.
Eureka Block Coal Co	Eureka No. 5	115	III.	3′ 3″	Block.
German Coal and Mining Co	German No. 1	61	IV.	4′	Block.
Givens & Son Coal Co	Givens No. 1	40	III.	3′ 7″	Block.
Harrison Coal and Mining Co	Harrison No. 5	70	IV.	4′ 6″	Block.
John B. De Camp Coal Co	Brazil No. 4	146	III.	3′ 4″	Block.
Pyrah Coal Co	Pyrah	35	IV.	3′ 6″	Block.
Schrepferman Coal Co	Schrepferman No. 4	62	III.	4′	Block.
United Fourth Vein Coal Co	Island Valley No. 4	104	IV.	4′ 10″	Bituminous.
Middle States Coal Corporation	Vivian No. 1	160	III.	5′ 10″	Bituminous.
Middle States Coal Corporation	Vivian No. 2	34	IV.	4′ 2″	Bituminous.
Brazil Collieries Coal Co	Collieries No. 1	150	Minshall.	4′	Bituminous.
West Side Coal Co	West Side No. 1	70	IV.	3′ 8″	Block.

DAVIESS COUNTY.

Daviess County Coal Co	Montgomery No. 4	96	V.	3′ 8″	Bituminous.
Daviess County Coal Co	Montgomery No. 5 (same shaft)	147	IV.	3′ 10″	Bituminous.
Horney & Winterbottom	Washington No. 4	Slope.	IV.	2′ 8″	Bituminous.
Riverside Coal Co	Riverside	97	V.	5′ 6″	Bituminous.

FOUNTAIN COUNTY.

Indiana Semi Block Coal Co	Indio	Drift.	III	5′	Bituminous.

GIBSON COUNTY.

Fort Branch Mining Co	Fort Branch	400	V.	5′ 8″	Bituminous.
Princeton Coal Co	Oswald	440	V.	6′ 10″	Bitum nous.
Wyoming Coal Co	Francisco	226	V.	6′	Bituminous.

GREENE COUNTY.

Calora Coal Co	North West No. 1	84	IV.	4′ 4″	Bituminous.
Calora Coal Co	North West No. 2	151	III.	6′ 6″	Bituminous.
Green Valley Coal Co	Green Valley	160	IV.	5′	Bituminous.
McVicker Brothers Coal Co	Monarch	165	IV.	3′ 10″	Bituminous.
McVicker Brothers Coal Co	Same shaft	216	III.	6′ 6″	Bituminous.
Monon Coal Co	Monon No. 6	153	IV.	5′ 4″	Bituminous.
Monon Coal Co	Monon No. 7	155	IV.	5′ 2″	Bituminous.
Queen Coal and Mining Co	Queen No. 1	90	IV.	3′ 9″	Bituminous.
Queen Coal and Mining Co	Queen No. 2	50	V.	6′ 6″	Bituminous.
Queen Coal and Mining Co	Queen No. 3	123	IV.	4′	Bituminous.
Twin Oaks Coal Co	Twin Oak	Slope.	IV.	5′	Bituminous.
Vandalia Coal Co	Vandalia No. 8	130	IV.	5′ 6″	Bituminous.
Vandalia Coal Co	Vandalia No. 9	129	IV.	5′	Bituminous.
Vandalia Coal Co	Vandalia No. 20	100	V.	6′ 6″	Bituminous.
Vandalia Coal Co	Vandalia No. 21	112	V.	7′	Bituminous.
Western Indiana Mining Co	Twin No. 4	60	V.	4′ 4″	Bituminous.
Western Indiana Mining Co	Twin No. 5	160	IV.	6′ 4″	Bituminous.
United Fourth Vein Coal Co	Antioch	60	V.	5′ 4″	Bituminous.
United Fourth Vein Coal Co	Black Creek	82	IV.	4′ 8″	Bituminous.
United Fourth Vein Coal Co	North Linton	64	IV.	4′	Bitum nous.
Queen Coal and Mining Co	Queen No. 4	115	IV.	4′ 3″	Bituminous.

KNOX COUNTY.

Bicknell Mining Co	Bicknell	200	V.	7′	Bituminous.
Indian Creek Coal and Mining Co	Indian Creek	270	V.	7′	Bituminous.
Knox Coal Mining Co	Knox	207	V.	7′	Bituminous.
Linn Coal Co	Linn	100	VI.	4′	Bituminous.
Tecumseh Mining Co	Tecumseh No. 1	154	V.	5′ 6″	Bituminous.
Tecumseh Mining Co	Tecumseh No. 2	240	V.	7′ 6″	Bituminous.
Washington-Wheatland Coal Co	Wheatland	238	V.	5′ 6″	Bituminous.

PARKE COUNTY.

Harrison, W. P. & Son	Harrison	Slope.	Minshall.	3′ 5″	Bituminous.
James Moore	Moore	24	IV.	4′	Block.
Parke County Coal Co	Parke No. 12	176	III.	6′ 7″	Bituminous.
S. B. Coal Co	S. B. No. 1	27	IV.	4′ 2″	Block.
Middle States Coal Corporation	Lyford No. 1	160	III.	6′	Bituminous.
Zeller-McClellan Co	Superior No. 6	90	III.	3′	Block.

PERRY COUNTY.

American Cannel Coal Co	Kelly	Drift.	III.	3′ 6″	Block.

PIKE COUNTY.

Ayrshire Coal Co	Ayrshire No. 4	Drift.	V.	5′	Bituminous.
Ayrshire Coal Co	Ayrshire No. 5	Slope.	V.	5′	Bituminous.
Ayrshire Coal Co	Ayrshire No. 7	45	V.	5′ 6″	Bituminous.
Northern Coal and Supply Co	Muren	Slope.	V.	4′	Bituminous.
Fox Hill Coal Mining Co	Fox Hill	Slope.	V.	5′ 6″	Bituminous.
S. W. Little Coal Co	Blackburn No. 1	Slope.	V.	7′ 6″	Bituminous.
S. W. Little Coal Co	Blackburn No. 2	70	V.	6′	Bituminous.
S. W. Little Coal Co	Littles	80	V.	6′	Bituminous.
John Jones	Peacock No. 2	Slope.	VI.	7′ 6″	Bituminous.
D. J. Mackey & Co.	Hartwell No. 1	Drift.	V.	4′ 8″	Bituminous.
D. J. Mackey & Co	Hartwell No. 2	Drift.	V.	4′ 8″	Bituminous.
D. J. Mackey & Co	Hartwell No. 3	Drift.	V.	4′ 8″	Bituminous.
D. J. Mackey & Co	Hartwell No. 4	Drift.	V.	4′ 8″	Bituminous

SPENCER COUNTY

Lincoln Coal and Mining Co	Lincoln	Slope.	III.	3′ 10″	Block.

SULLIVAN COUNTY

Averill Coal Mining Co	Hamilton	254	III.	6′	Bituminous.
Bellevue Coal Co	Bellevue	335	V.	5′	Bituminous.
Carlisle Coal and Clay Co	Carlisle	305	V.	4′ 8″	Bituminous.
Consolidated Ind. Coal Co	Consolidated No. 25	221	VI.	5′	Bituminous.
Consolidated Ind. Coal Co	Consolidated No. 26	197	VI.	5′ 5″	Bituminous.
Consolidated Ind. Coal Co	Consolidated No. 28	197	VI.	5′ 6″	Bituminous.
Consolidated Ind. Coal Co	Consolidated No. 30	187	VI.	5′ 6″	Bituminous.
Consolidated Ind. Coal Co	Consolidated No. 32	108	V.	7′	Bituminous.
Consolidated Ind. Coal Co	Consolidated No. 33	103	V.	6′	Bituminous.
Dering Coal Co. (W. C. Niblack, Receiver)	Dering No. 13	144	VI.	5′ 8″	Bituminous.
Dering Coal Co. (W. C. Niblack, Receiver)	Dering No. 14	103	VI.	6′	Bituminous.
Gould Coal Washing and Mining Co.	Shirley Hill No. 3	104	VI.	5′ 6″	Bituminous.
Old Shelburn Coal Co	Keystone	305	V.	5′	Bituminous.
Keeley Co-operative Coal Co	Keeley	110	VI.	5′ 6″	Bituminous.
Jackson Hill Coal and Coke Co	Jackson Hill No. 2	172	V.	6′ 4″	Bituminous.
Jackson Hill Coal and Coke Co	Jackson Hill No. 4	165	VI.	5′ 8″	Bituminous.
Kettle Valley Mining Co	Kettle Creek	170	VI.	5′ 10″	Bituminous.
Lash Coal Co	Lash	104	VI.	5′ 3″	Bituminous.
Monon Coal Co	Monon No. 2	219	VI.	5′ 2″	Bituminous.
Monon Coal Co	Monon No. 3	202	VI.	5′ 6″	Bituminous.
Monon Coal Co	Monon No. 4	177	VI.	5′ 2″	Bituminous.
Monon Coal Co	Monon No. 5	92	VI.	5′	Bituminous.
Monon Coal Co	Monon No. 13	111	VI.	5′ 6″	Bituminous.
Monon Coal Co	Monon No. 14	109	VI.	5′ 9″	Bituminous.
Monon Coal Co	Monon No. 15	120	VI.	5′ 6″	Bituminous.
Peabody-Alwart Coal Mining Co	Reliance	228	VI.	5′ 6″	Bituminous.
Farmersburg Coal Co	Superior	112	VII.	5′	Bituminous.
Sunflower Coal Co	Sunflower	104	VI.	5′ 9″	Bituminous.
Vandalia Coal Co	Vandalia No. 10	265	IV.	5′ 6″	Bituminous.
J. Wooley Coal Co	Paxton No. 8	323	V.	6′ 11″	Bituminous.
Consolidated Ind. Coal Co	Consolidated No. 27	148	VI.	6′	Bituminous.

VANDERBURGH COUNTY.

Crescent Coal Co	Unity	265	V.	4′	Bituminous
Diamond Coal Co	Diamond	247	V.	4′	Bituminous.
Gibson-Moore Coal Co	Ingleside	265	V.	4′	Bituminous.
Sunnyside Coal Co	Sunnyside	268	V.	4′	Bituminous.

VERMILLION COUNTY.

Bunsen Coal Co	Universal No. 4	239	IV	4′ 11″	Bituminous.
Bunsen Coal Co	Universal No. 5	143	V.	5′	Bituminous.
Clinton Coal Co	Crown Hill No. 1	165	V.	4′ 10″	Bituminous.
Clinton Coal Co	Crown Hill No. 2	155	V.	4′ 10″	Bituminous.
Clinton Coal Co	Crown Hill No. 3	345	III.	6′	Bituminous.
Clinton Coal Co	Crown Hill No. 4	249	IV.	4′ 6″	Bituminous.
Clinton Coal Co	Crown Hill No. 5	182	V.	5′	Bituminous.
Clinton Coal Co	Crown Hill No. 6	185	V.	4′ 8″	Bituminous.
J. K. Dering Coal Co	Oak Hill No. 1	201	III.	6′ 6″	Bituminous.
J. K. Dering Coal Co	Oak Hill No. 2	164	V.	4′ 8″	Bituminous.
J. K. Dering Coal Co	Oak Hill No. 3	300	III.	7′	Bituminous.
J. K. Dering Coal Co	Oak Hill No. 5	178	IV.	4′ 6″	Bituminous.
J. K. Dering Coal Co	Dering No. 8	200	IV.	5′ 3″	Bituminous.
Cayuga Coal and Brick Co	Eureka	110	Minshall.	4′ 6″	Bituminous.
Shirkie & Bogle	Shirkie & Bogle	183	V.	4′ 8″	Bituminous.
West Clinton Coal Co	West Clinton No. 1	185	V.	4′ 6″	Bituminous.

VIGO COUNTY.

Clay County Block Coal Co	Clay County No. 1	106	Minshall.	4′ 6″	Bituminous.
Deep Fourth Vein Coal Co	Deep Vein No. 4	280	IV.	4′ 3″	Bituminous.
Deep Fourth Vein Coal Co	Same shaft	170	V.	4′ 6″	Bituminous.
Dering Coal Co. (W. C. Niblack, Receiver)	Dering No. 6	111	V.	4′ 8″	Bituminous.
Domestic Block Coal Co	Domestic No. 1	110	IV.	3′ 8″	Block.
Ehrlich-Pierce Mining Co	Ray No. 2	97	III.	7′	Bituminous.
Fauvre Coal Co	Fauvre No. 2	219	V.	4′ 6″	Bituminous.
Glen Ayr Coal Co	Glen Ayr No. 1	90	IV.	5′	Bituminous.
Glen Ayr Coal Co	Glen Ayr No. 2	74	IV.	5′ 1″	Bituminous.
Higgins-Martin Coal Co	Pine Ridge	281	V.	4′ 8″	Bituminous.
Jackson Hill Coal and Coke Co	Jackson Hill No. 5	180	IV.	5′	Bituminous.
Lower Vein Coal Co	Lower Vein No. 1	192	V.	4′ 8″	Bituminous.
Lower Vein Coal Co	Speedwell No. 2	285	IV.	4′ 10″	Bituminous.
Miami Coal Co	Miami No. 4	55	III.	6′ 6″	Bituminous.
Miami Coal Co	Miami No. 6	156	V.	5′	Bituminous.
Miami Coal Co	Miami No. 8	265	IV.	5′ 6″	Bituminous.
Nash Coal Co	Harrison	Slope.	IV.	4′	Bituminous.
Otter Creek Coal Co	Mary No. 2	245	IV.	3′ 9″	Block.
Pittsburg Mining Co	Pittsburg No. 1	260	VII.	5′ 8″	Bituminous.
Retlaw Mines Co	Atherton	158	III.	6′	Bituminous.
Sugar Valley Coal Co	National	183	V.	4′ 2″	Bituminous.
Sugar Valley Coal Co	Sugar Valley	140	V.	4′ 4″	Bituminous.
Vandalia Coal Co	Vandalia No. 67	100	III.	7′ 6″	Bituminous.
Vandalia Coal Co	Vandalia No. 69	120	III.	5′	Bituminous.
Western Ind. Mining Co	Minshall	175	Minshall.	5′	Bituminous.
Western Ind. Mining Co	Plymouth No. 1	224	III.	3′ 11″	Block.
Western Ind. Mining Co	Riverside	165	V.	4′ 5″	Bituminous
Western Ind. Mining Co	Wabash	300	IV.	5′ 4″	Bituminous.
Wizard Coal Co	Wizard No. 2	160	V.	4′ 4″	Bituminous.
Wm. Soules	Soules	137	IV.	5′	Bituminous.
Pittsburg Mining Co	Pittsburg No. 2	377	V.	4′ 8″	Bituminous.
Hugh Shirkie Coal Co	Shirkie No. 1	272	V.	4′ 8″	Bituminous.
Hugh Shirkie Coal Co	Shirkie No. 2	148	VI.	4′ 8″	Bituminous
Glendale Coal Co	Glendale	59	IV.	5′	Bituminous.
Vandalia Coal Co	Vandalia No. 82	234	V.	4′ 8″	Bituminous.
Grant Coal and Mining Co	Maple Grove	270	V.	4′ 8″	Bituminous.

WARRICK COUNTY.

John Archbold Coal Co	Red Shaft	180	V.	4′	Bituminous
Big Four Coal Co	Big Four No. 2	Slope.	V.	6′	Bituminous.
Big Four Coal Co	Big Four No. 3	Slope.	V.	5′	Bituminous.
Joe A. Bryan Coal Co	Chandler	120	V.	4′ 5″	Bituminous.
Caledonia Mining Co	Dawson	86	V.	5′	Bituminous.
Elberfeld Oil, Gas and Mining Co	Elberfeld	196	V.	5′	Bituminous.
Erie Canal Coal Co	Erie Canal	130	V.	4′ 5″	Bituminous.
C. H. Mendon Coal Co	DeForrest	65	V.	6′	Bituminous.
Sargeant Coal Co	Sargeant	96	V.	4′	Bituminous.
T. D. Scales Coal Co	Electric	45	V.	6′ 5	Bituminous.
Staser-Epperson Coal Co	Epworth	114	V.	4′	Bituminous.
Warrick County Coal Co	Korff	50	V.	6′	Bituminous.
Cypress Creek Coal Co	John Bull	60	V.	5′ 6″	Bituminous.
J. Wooley Coal Co	Castle Garden	80	V.	4′ 2″	Bituminous.
Warrick Coal Mining Co	Polk Patch Nos. 5 & 7	Slope.	V.	6′ 6″	Bituminous.
Worsham-Newburg Coal Co	Brizius	128	V.	4′	Bituminous
Mitchem Coal Co	Advance	37	V.	5′	Bituminous.

NEW MINES.

Sixteen new mines were opened up during the year ending September 30, 1913, located in six different counties as follows:

Clay County, one bituminous hand, one block machine and one block hand mine.

Greene, one bituminous machine mine.

Sullivan, two bituminous machine mines.

Vermillion, two bituminous hand mines.

Vigo, three bituminous machine and four bituminous hand mines.

Warrick, one bituminous hand mine.

The annexed table shows the names by which each new mine is known, the names of the different coal companies operating them, and location of each mine, i. e., county, section, town, range, township, and railroad on which each mine is located, whether machine or hand mine, geological number and thickness of coal seam in feet and inches, whether block or bituminous coal, depth of overlying strata, size of shaft, and the date of first shipment of coal:

TABLE OF NEW MINES

CLAY COUNTY.

Name of Company.	Name of Mine.	Location of Mine.	Geological Number of Coal Seam.	Hand or Machine.	Block or Bituminous.	Thickness of Seam in Feet and Inches.	Depth of Overlying Strata in Feet.	Size of Shaft.	Railroad.	Date of First Shipment of Coal.
Crawford Coal Co.....	Crawford No. 12..	N. W. ¼ Sec. 21 Tp. 13 N., R. 7 W., Dick Johnson Tp.....	III.	Machine.	Block.....	4′	150	8′x 20′	C. & E. I.....	Oct. 2, 1912
Brazil Collieries Coal Co.....	Collieries No. 1....	S. W. ¼ Sec. 33, Tp. 18 N., R. 7 W., Dick Johnson Tp.....	*	Hand....	Bituminous..	4′	150	8′x 16′	C. & E. I.....	Oct. 26, 1912
West Side Coal Co.....	West Side No. 1...	N. E. ¼ Sec. 35, Tp. 13 N., R. 7 W., Dick Johnson Tp.....	III.	Hand....	Block.....	3′ 8″	70	8′x 18′	Wagon.....	.....

*Minshall.

GREENE COUNTY.

Name of Company.	Name of Mine.	Location of Mine.	Geological Number of Coal Seam.	Hand or Machine.	Block or Bituminous.	Thickness of Seam in Feet and Inches.	Depth of Overlying Strata in Feet.	Size of Shaft.	Railroad.	Date of First Shipment of Coal.
Queen Coal & Mining Co....	Queen No. 4.....	S. W. ¼ Sec. 9, Tp. 8 N., R. 7 W., Wright Tp.....	IV.	Machine.	Bituminous.	4′ 3″	115	8′x 16′	C. T. H. & S. E.	Jan. 4, 1913

SULLIVAN COUNTY.

Name of Company.	Name of Mine.	Location of Mine.	Geological Number of Coal Seam.	Hand or Machine.	Block or Bituminous.	Thickness of Seam in Feet and Inches.	Depth of Overlying Strata in Feet.	Size of Shaft.	Railroad.	Date of First Shipment of Coal.
J. Wooley Coal Co.....	Paxton No. 8.....	N. E. ¼ Sec. 26, Tp. 7 N., R. 9 W., Hadden Tp.....	V.	Machine.	Bituminous.	6′ 11″	311	10′x 18′	C. & E. I.....	Feb. 27, 1913
Consolidated Ind. Coal Co...	Peerless No. 27....	S. W. ¼ Sec. 18, Tp. 8 N., R. 8 W., Hamilton Tp.....	VI.	Machine.	Bituminous.	6′	148	9′x 21′	C. & E. I.....	July 1, 1913

VERMILLION COUNTY.

Name of Company.	Name of Mine.	Location of Mine.	Geological Number of Coal Seam.	Hand or Machine.	Block or Bituminous.	Thickness of Seam in Feet and Inches.	Depth of Overlying Strata in Feet.	Size of Shaft.	Railroad.	Date of First Shipment of Coal.
Shirkie and Bogle.....	Shirkie and Bogle.	S. E. ¼ Sec. 15, Tp. 14 N., R. 10 W., Clinton Tp.....	V.	Hand....	Bituminous.	4′ 8″	183	10′x 15′ 4″	C. T. H. & S. E.	Nov. 16, 1912
West Clinton Coal Co.....	West Clinton.....	S. E. ¼ Sec. 15, Tp. 14 N., R. 10 W., Clinton Tp.....	V.	Hand....	Bituminous.	4′ 6″	185	9′x 15′ 4″	C. T. H. & S. E.	Sept. 25, 1913

VIGO COUNTY.

Pittsburg Mining Co.	Pittsburg No. 2	N. W. ¼ Sec. 34, Tp. 13 N., R. 10 W., Fayette Tp.	V.	Hand	Bituminous	4′ 8″	375	9′ 10″x 19′ 6″	Big Four	Oct. 15, 1912
Glenndale Coal Co.	Glenndale	S. W. ¼ Sec. 16, Tp. 12 N., R. 8 W., Lost Creek Tp.	IV.	Hand	Bituminous	5′	59	8′x 15′	Wagon	
Wm. Soules	Soules	N. W. ¼ Sec. 29, Tp. 12 N., R. 8 W., Lost Creek Tp.	IV.	Hand	Bituminous	5′	137	6′x 14′	Wagon	
Grant Coal & Mining Co.	Maple Grove	N. E. ¼ Sec. 13, Tp. 13 N., R. 10 W., Fayette Tp.	V.	Machine	Bituminous	4′ 8″	270	9′x 18′	C. T. H. & S. E.	Feb. 11, 1913
Vandalia Coal Co.	Vandalia No. 82	S. E. ¼ Sec. 15, Tp. 12 N., R. 10 W., Sugar Creek Tp.	V.	Machine	Bituminous	4′ 8″	234	20′x 20′	Vandalia	May 1, 1913
Shirkie Coal Co.	Shirkie No. 1	S. W. ¼ Sec. 3, Tp. 13 N., R. 10 W., Fayette Tp.	V.	Hand	Bituminous	4′ 8″	272	9′x 13′	C. T. H. & S. E.	Oct. 25, 1912
Shirkie Coal Co.	Shirkie No. 2	S. W. ¼ Sec. 3, Tp. 13 N., R. 10 W., Fayette Tp.	VI.	Machine	Bituminous	4′ 8″	148	9′x 13′	C. T. H. & S. E.	Oct. 25, 1912

WARRICK COUNTY.

Mitchem Coal Co.	Advance	N. W. ¼ Sec. 33, Tp. 5 S., R. 8 W., Boone Tp.	V.	Hand	Bituminous	5′	36′ 6″	6′x 5′ 8″	E. S. & N.	Nov. 21, 1912

Figure No. 1 shows reading from left to right, the boiler, engine and dynamo room, tipple, blacksmith shop, fan house and wash-house at the Indian Creek Coal and Mining Company's Indian Creek Mine.

Figure No. 2 shows the machine men undercutting the coal at the face of a working place in the Indian Creek mine, with a Sullivan "C. E." continuous cutting electric chain machine.

Figure No. 3 shows a working place in the Indian Creek mine after the coal has been undercut with an electric machine and shot down ready to be loaded by the loaders.

INDIAN CREEK MINE.

This mine was opened in October, 1911, and is situated in Knox County, Indiana, four miles south of Bicknell on a branch track connecting with the I. & V. R. R. The seam being worked is known as No. V, and is reached by a main hoisting shaft 17 x 10 feet, and an air and escape shaft sunk 265 feet from the main hoisting shaft. The air and escape shafts are combined, but separated by a substantial wooden partition from top to bottom. The air shaft is 12 x 8 feet and the escape shaft 8 x 4 feet. The hoisting and air shaft are both 270 feet deep.

The mine is opened up on the double entry system, the entries and cross-cuts being 12 feet wide. Rooms are driven 36 feet in width, the average height of the coal being about seven feet with a good black slate roof and a clay and rock bottom. As is characteristic of the No. V seam, wherever it is being worked sulphur balls or boulders are frequently encountered in the roof and floor. These often extend a considerable distance into the coal strata itself, and make the mining of the coal more difficult.

MINING MACHINES.

Development of the mine was commenced with Sullivan punchers, but when the cross-entries had been opened, continuous cutting electric chain machines of the Sullivan "C. E." pattern were installed. There are now fourteen of these machines in use at this mine, and their average cutting speed is about eighteen inches per minute across the face. This is considered remarkable, when it is remembered that the presence of the sulphur balls or boulders near the bottom renders it more difficult to mine than any other seam in the State.

DEVELOPMENT OF MINE.

The development of the mine was considered very rapid, inasmuch as in eleven months from the time coal was first hoisted, 2,010 tons of coal were hoisted in one eight-hour day.

HAULAGE, ETC.

The coal is hauled by six-ton general electric gathering motors. A few mules are still in use, but as the mine is developed, these will be dispensed with. The main haulage roads are laid with forty-pound steel rails, and twenty-pound rails are used in the rooms. The mine cars have a capacity of 5,500 pounds.

SURFACE EQUIPMENT.

The hoisting engines are of the Crawford & McCrimmon make. The power plant consists of five, 72-inch by 18-feet Chandler & Taylor boilers, furnishing steam pressure of 125 pounds. Two electric generators, furnished by the General Electric Company, connected to Curtis steam turbines, are in use. The generators are 125 KW each. Self-dumping cages are employed. A gravity screen is used, built so that four separate grades of coal can be screened, and delivered into railroad cars.

VENTILATION.

The mine is ventilated by a Sullivan ten-foot improved high-speed, all-steel reversible fan, driven by an 18 x 18-inch Chuse engine.

Most of the laborers employed at the mine live at Vincennes, Indiana, and vicinity, and are brought to and from the mine on a special miners' train.

ABANDONED MINES.

Eleven mines were abandoned during the year ending September 30, 1913, located in six different counties, as follows:

In Clay County, four block hand mines; Daviess, one bituminous hand; Greene, one bituminous machine; Parke, one bituminous hand, and two block hand; Sullivan, one bituminous hand; and Vigo, one bituminous hand mine.

We give herewith a table exhibiting by counties the names of the companies, the names of the mines, the geological number of the seam abandoned, the date of abandonment and the railroad on which each mine is located:

CLAY COUNTY.

Name of Company.	Name of Mine.	Geological No. of Seam.	Date of Abandonment.	Railroad.
Crawford Coal Co	Crawford No. 6	IV. & III.	Oct. 3, 1912	Vandalia.
Hieliger-Stoot Coal Co	Progressive	IV.	Dec. 20, 1912	Vandalia.
Crawford Coal Co	Crawford No. 11	IV.	May 13, 1913	Vandalia.
Schlatter Coal Co	Treager No. 2	IV.	Mar. 10, 1913	Wagon.

DAVIESS COUNTY.

Mutual Mining Co	Mutual	Cannel.	Oct. 18, 1913	B. & O. S. W. R. R.

GREENE COUNTY.				
Summit Coal and Mining Co....	Summit No. 2.....	IV.	Jan. 28, 1913	I. & V. Branch.
PARKE COUNTY.				
Mecca Coal Co.....	Fairview.....	Minshall.	Oct. 31, 1912	C. & E. I. R. R.
Zellar-McClellan Co.....	Superior No. 5.....	III.	Feb. 28, 1913	C. & E. I. R. R.
Pinegar-Gilmour-Martin Coal Co.	Brasil Block No. 9....	IV.	Sept. 10, 1913	C. & E. I. R. R.
SULLIVAN COUNTY.				
United Fourth Vein Coal Co....	Black Hawk.....	III.	Mar. 10,.1913	C. T. H. & S. E. R. R.
VIGO COUNTY.				
Miami Coal Co.....	Miami No. 5.....	III.	July 12, 1913	C. & E. I. R. R.

CHANGES IN OWNERSHIP AND MANAGEMENT OF MINING PROPERTY.

Transfers in the ownership and management of mining properties were made during the fiscal year ending September 30, 1913, as follows:

Keeley mine, located at Dugger in Sullivan County, changed hands January 10, 1913, and is now being operated by the Dugger Co-operative Coal Company.

Brazil No. 9 mine, owned by the McClellan Block Coal Company, operated by the Schrepferman Coal Company, changed hands March 28, 1913, and was operated for a time by the Pinegar-Martin-Gilmour Coal Company, being abandoned September 10th.

Riverside mine, located at Washington in Daviess County, changed hands April 29, 1913, and is now being operated by Catching & Elliott.

Hartwell mines, Nos. 1, 2, 3 and 4, located at Hartwell in Pike County, changed hands in May, 1913, and are now owned by D. J. Mackey & Co.

Polk Patch Nos. 5 and 7, located near Boonville in Warrick County, changed hands June 1, 1913, and are now being operated by the Warrick Coal Mining Company.

Superior mine, located near Farmersburg in Sullivan County, changed hands June 13, 1913, and is now owned by the Farmersburg Coal Company.

Keystone mine, located at Shelburn in Sullivan County, since June, 1913, has been operated by the Old Shelburn Coal Company.

Peacock No. 2 mine, located at Massey in Pike County, since July 1, 1913, has been operated by John Jones.

Muren mine, located at Muren in Pike County, since July 17, 1913, has been operated by the Northern Coal and Supply Company.

Brazil No. 4 mine, located near Brazil in Clay County, changed hands July 26, 1913, and is now being operated by the John B. DeCamp Coal Company.

Kettle Creek mine, located at Shelburn in Sullivan County, since September, 1913, has been operated by the Kettle Valley Mining Company.

Vivian Nos. 1 and 2 mines, located in Clay County, and Lyford No. 1 mine, located in Parke County, operated by the Vivian Collieries Coal Company since August, 1913, have been operated by the Middle States Coal Corporation.

During October, 1912, Dering No. 14 mine, located in Sullivan County, which was idle, was leased by the Dering Coal Company, William C. Niblack, receiver, to the J. Wooley Coal Company, who have been operating the mine.

IMPROVEMENTS.

The improvements of various kinds made in and around the Indiana mines during the year ending September 30, 1913, as reported, represent an expenditure aggregating $203,209.54. The sums expended on mines in the different counties as reported to us are as follows:

Clay County, $900.93; Daviess, $25.00; Fountain, $910.40; Gibson, $4,317.44; Greene, $6,868.29; Knox, $34,347.03; Parke, $1,992.60; Pike, $2,928.97; Sullivan, $18,981.02; Vanderburgh, $126.72; Vermillion, $103,129.54; Vigo, $19,328.85, and Warrick County, $9,352.71.

These figures, however, do not represent the total expenditures for improvements. In a number of mines, fans, motor haulage and mining machines, etc., were installed, and the labor and cost of installation were charged to the operating expense. We give herewith a statement of the more important of the improvements made, where such information could be readily obtained.

The Fort Branch Coal Mining Company built a new engine and dynamo room and installed a new generator and several new mining machines.

The Tecumseh Coal Mining Company built a new wash-house at their No. 1 mine, and a new fan-house; and installed a new high-speed fan, fan engine and spraying system at their No. 2 mine.

The Washington-Wheatland Coal Company built a new fan-house, engine and boiler-house, and installed a new fan, fan-engine, tail rope and tail-rope engine.

The Bicknell Coal Company built a new concrete fan-house, and installed a new fan and fan-engine.

The Indian Creek Mining Company built a large and commodious wash-house, containing shower baths and hot and cold water, and installed new mine motors and mine cars.

The Consolidated Indiana Coal Company installed motor haulage and several new mine cars in their No. 26 mine; motor haulage and picking table in their No. 30 mine; motor-haulage in their No. 32 mine and new track scales at their No. 33 mine.

The Monon Coal Company installed two boilers and made repairs to the tipple at their No. 14 mine, repaired the conveyor and installed new mine cars in their No. 5 mine.

The J. K. Dering Coal Company erected a new tipple, engine and boiler room, installed a new fan, an electric hoist, and mining machines, and made extensive repairs to the shaft bottom at their Oak Hill No. 1 mine; also installed electric mining machines in their No. 3 mine.

EXAMINATIONS.

Examinations of applicants for certificates of competency to serve as mine bosses, fire bosses and hoisting engineers were held on three different dates in the city of Terre Haute and Evansville. We give herewith the date of each examination, the total number of candidates examined, the total number passing a successful examination, the name and address of each person receiving a certificate, and the per cent. grade made by the holder thereof:

MINE BOSS.

Examination held January 27 and 28, 1913, at Terre Haute. Total number of candidates, 41. Total number passed, 21.

Certificate No.	*Name and Address.*	*Per Cent.*
1.	Elwood Hawkins, West Terre Haute	75
7.	James Bridwell, Hymera	80
8.	William Marr, Jasonville	90
12.	Philemon Wattiaux, Linton	80
14.	Fred Buckholz, Brazil	78
15.	Jas. B. Medill, Clinton	87
17.	Wade Benefield, Shelburn	85
18.	Edward J. Murday, Jasonville	76
19.	John Rodger, Linton	75
20.	Roger Peterson, Bicknell	81
21.	John Easton, Jasonville	76
22.	Dougald Malcolm, Jasonville	88
23.	Herbert Hutchison, Terre Haute	85
24.	Hugh Devitt, Hymera	80
48.	John Ogilvie, Bicknell	85
54.	Amos T. Bennett, Terre Haute	86
66.	H. E. Smith, Paxton	91
83.	Alexander Pearce, Brazil	89
89.	John Lammie, Hymera	82
90.	James D. Archer, Carbon	82
94.	Charles Vowell, Shelburn	78

FIRE BOSS.

Total number of candidates, 26. Total number passed, 13.

Certificate No.	*Name and Address.*	*Per Cent.*
42.	Clarence Robertson, Dugger	85
49.	Curt Richardson, Terre Haute	76
52.	John C. Dersch, Brazil	80
55.	W. M. Nicholas, Bicknell	82
56.	Keith Hayne, Terre Haute	83
59.	Tom Blest, West Terre Haute	81
64.	Cuthbert Alderson, Jasonville	79

Certificate No.	Name and Address.	Per Cent.
70.	William Sherry, Brazil	76
71.	John Caine, West Terre Haute	77
72.	George W. Howden, Terre Haute	84
88.	Andrew Henderson, Bicknell	88
85.	Wm. Smith, Bicknell	79
92.	William Oulson, Shelburn	81

HOISTING ENGINEER.

Total number of candidates, 27. Total number passed, 11.

Certificate No.	Name and Address.	Per Cent.
46.	Martin Pieper, Bicknell	78
27.	Homer Caragal, Bicknell	83
28.	Tom Jeffris, Bicknell	89
29.	A. A. Peeler, Shelburn	75
31.	W. D. Cummins, Terre Haute	78
41.	John Beck, Linton	78
45.	Lay L. Begeman, Bicknell	82
65.	Riley C. Smith, Sandford	78
93.	Thos. C. Dickenson, Clinton	80
91.	Seth A. Pell, Harmony	82
82.	B. F. Addis, Jasonville	83

MINE BOSS.

Examination held January 29 and 30, 1913, at Evansville. Total number of candidates, 9. Total number passed, 4.

Certificate No.	Name and Address.	Per Cent.
100.	Albert Green, Evansville	88
107.	Mike J. Pickett, Boonville	90
109.	Elgie Malone, Princeton	86
117.	Robert Ellis Moore, Evansville	82

FIRE BOSS.

Total number of candidates 5. Total number passed, 3.

Certificate No.	Name and Address.	Per Cent.
96.	A. J. Hargrove, Boonville	75
97.	Elgat L. Cooper, Francisco	80
84.	Charles Newby, Boonville	84

HOISTING ENGINEER.

Total number of candidates, 9. Total number passed, 4.

Certificate No.	Name and Address.	Per Cent.
119.	Demetris Laffoon, Evansville	85
108.	Albert Lehr, Princeton	80
110.	James P. Monahan, Evansville	82
118.	T. G. Gowen, Boonville	83

MINE BOSS.

Examination held May 26 and 27, 1913, at Terre Haute. Total number of candidates, 22. Total number passed, 8.

Certificate No.	*Name and Address.*	*Per Cent.*
1.	Edward Mills, West Terre Haute	89
8.	Tom Blest, West Terre Haute	81
9.	R. H. Freeland, Shelburn	76
12.	John McIlwaine, Linton	84
30.	William Mitch, Terre Haute	80
49.	Geo. W. Howden, West Terre Haute	81
54.	James Hayburn, Gilmour	82
65.	Michael Scollard, Brazil	87

FIRE BOSS.

Total number of candidates, 16. Total number passed, 2.

Certificate No.	*Name and Address.*	*Per Cent.*
42.	Benjamin Mills, Clinton	81
47.	H. E. Smith, Paxton	81

HOISTING ENGINEER.

Total number of candidates, 16. Total number passed, 0.

MINE BOSS.

Examination held May 28 and 29, 1913, at Evansville. Total number of candidates, 6. Total number passed, 1.

Certificate No.	*Name and Address.*	*Per Cent.*
58.	Chas. G. Ketcham, Chandler	84

FIRE BOSS.

Total number of candidates, 2. Total number passed, 2.

Certificate No.	*Name and Address.*	*Per Cent.*
63.	Chas. M. Roach, Boonville	90
64.	Geo. A. Lutz, Boonville	91

HOISTING ENGINEER.

Total number of candidates, 2. Total number passed, 1.

Certificate No.	*Name and Address.*	*Per Cent.*
59.	James D. Harris, Boonville	75

MINE BOSS.

Examination held September 24 and 25, 1913, at Terre Haute. Total number of candidates, 28. Total number passed, 10.

Certificate No.	*Name and Address.*	*Per Cent.*
2.	Henry C. Henneman, Terre Haute	83
6.	Geo. E. McClellan, Farmersburg	76
5.	James Ferguson, Clinton	79
9.	Andrew Wilson, Clinton	80
13.	Charles Hayburn, Linton	82
16.	Fred Mitch, Rosedale	78
47.	William W. Hunter, Clinton	91
54.	Augustin Hie, West Terre Haute	81
69.	Curt Richardson, Coal Bluff	82
70.	Richard Davis, Bicknell	82

FIRE BOSS.

Total number of candidates, 32. Total number passed, 16.

Certificate No.	*Name and Address.*	*Per Cent.*
18.	Oswald Brooks, Shelburn	75
23.	John W. Crynes, Sullivan	75
24.	James Craighead, Jasonville	85
25.	Dougald Malcolm, Jasonville	81
27.	Joseph Meakin, Dugger	87
28.	Thomas MacPherson, Cass	86
29.	John McKillop, Bicknell	86
31.	Steve Arnott, Jasonville	82
32.	Joe Reichert, Brazil	78
35.	Edward J. Murday, Jasonville	75
55.	Wm. Mitch, Terre Haute	91
56.	Charles Hughes, West Terre Haute	82
61.	William Dick, Terre Haute	79
66.	Thomas Macnair, Clinton	78
74.	James Bond, Fontanet	79
77.	Edward Cole, Sullivan	82

HOISTING ENGINEER.

Total number of candidates, 15. Total number passed, 11.

Certificate No.	*Name and Address.*	*Per Cent.*
37.	Harry Warren, Sandford	88
38.	Irven Hixon, Harmony	76
39.	Clayton Cox, Clinton	83
40.	Alva B. Blair, Harmony	78
41.	Thomas D. Diehl, Bicknell	75
42.	Frank Brown, Linton	75

Certificate No.	*Name and Address.*	*Per Cent.*
43.	Guy Cloyd, Clinton	85
44.	Byron L. Anderson, Clinton	80
45.	Rupert P. Minor, Perth	77
52.	Claude Jennings, Farmersburg	83
67.	Charles Clayton, Fontanet	83

MINE BOSS.

Examination held September 26 and 27, 1913, at Evansville. Total number of candidates, 8. Total number passed, 7.

Certificate No.	*Name and Address.*	*Per Cent.*
78.	Ray Deane, Chandler	81
79.	Thomas Batey, Chandler	83
80.	Fount Leigh, Chandler	80
81.	Conrad M. Hemenway, Boonville	79
85.	Walter B. Korff, Evansville	80
87.	William Stamps, Boonville	78
92.	Willard Ricketts, Elberfeld	85

FIRE BOSS.

Total number of candidates, 1. Total number passed, 1.

Certificate No.	*Name and Address.*	*Per Cent.*
92.	Charles G. Ketcham, Chandler	85

HOISTING ENGINEER.

Total number of candidates, 6. Total number passed, 5.

Certificate No.	*Name and Address.*	*Per Cent.*
83.	Glenn Kelso, Francisco	83
84.	William V. Nester, Newburgh	77
89.	Omer Pickle, Winslow	78
90.	John J. William, Oakland City	75
91.	C. A. Johnson, Petersburg	75

OPINIONS OF ATTORNEY-GENERAL RELATING TO MINES AND MINING.

During the year three questions pertaining to mines and mining were submitted to the Attorney-General for opinion, and we give herewith the opinions rendered by Attorney-General Thomas M. Honan:

OPINION OF THE ATTORNEY-GENERAL RELATING TO EXAMINATION TO BE MADE BY THE FIRE BOSS.

INDIANAPOLIS, INDIANA, May 21, 1913.

Frank I. Pearce, Deputy Inspector of Mines and Mining, Indianapolis, Ind.:

Dear Sir—Replying to your letter of May 19th, as follows:

"Section eleven of an act approved February 28, 1905, reads as follows: 'Every place where fire damp is known or supposed to exist, shall be carefully examined with a safety lamp by a competent fire boss immediately before each shift, and in making said examination it shall be the duty of the fire boss, at each examination, to leave at the face of every place examined evidence of his presence and it shall be unlawful for any person to enter any mine, or part of mine, generating fire damp until it has been examined by the fire boss and reported by him to be safe.'

"There is some question as to what sort of an examination the Legislature intended that the fire boss should make as required under this section, viz., whether the fire boss should examine every working place in the mine, and leave at the face of every working place evidence of his presence, or whether the fire boss should merely examine those working places in which fire damp is known or he supposes it to exist, and leave evidence of his presence.

"Any information you can give us on this matter will be greatly appreciated."

I beg to say that in my opinion the provisions of the above act do not require the fire boss to examine mines for fire damp in such mines where fire damp does not exist, or where it is not supposed to exist. Under this law the fire boss is not required to examine all working places of a mine for fire damp, but only those places in a mine where it is known to exist or where it is supposed to exist.

Very truly yours,

THOS. M. HONAN,
Attorney-General.

OPINION OF THE ATTORNEY-GENERAL RELATING TO MEANINGS OF THE WORDS UNLAWFUL AND DANGEROUS AS USED IN SECTION 20, CHAPTER 258, ACTS OF 1905, AND SECTION 11, CHAPTER 204, ACTS OF 1907.

INDIANAPOLIS, INDIANA, July 29, 1912.

Frank I. Pearce, Deputy Inspector of Mines and Mining, Indianapolis, Ind.:

Dear Sir—Replying to your letter of July 25th, as follows:

"Section 20, Chapter 258, of an act approved February 28, 1905, says among other things that: 'He or his assistants, shall make personal inspection, at least twice a year, of all coal mines in this State, and shall

see that every precaution is taken to insure the health and safety of the workmen therein employed, that the provisions and requirements of this act are faithfully carried out, and that the penalties of the law are enforced against all who wilfully disobey its requirements.'

"Section 11, Chapter 204, of an act approved March 9, 1907, also provides among other things, that: 'Such inspector and each of his assistants shall also have power to immediately stop the operation of any coal mine, or part thereof, in which any dangerous or unlawful condition is found: Provided, however, That where conditions exist justifying him to do so, he may grant a reasonable length of time for making necessary repairs. And, provided, further, That where any stop is enforced, such inspector and his assistants shall each have power to subsequently allow such mine or part of mine to be reopened when the dangerous or unlawful conditions have been remedied or removed, so that they no longer exist.'

"I wish to know, if, in your opinion, under the above noted sections, it was the intention of the Legislature, where dangerous conditions exist, that the Department of Mines and Mining should have the power to issue and enforce any order it might deem necessary for the protection of life, limb and mine property, viz., in the event a dangerous condition or practice should come under the observation of this department, does the inspector or his assistants have the power or privilege to immediately stop the operation of any coal mine, or part thereof in which any dangerous condition is found. Or, in other words, if a dangerous condition exists, must it also be unlawful before the department can issue and enforce an order directing the person, persons or coal company to eliminate the dangerous condition."

I beg to say that the act of 1907 gives the inspector of mines and his assistants authority to stop the operation of any coal mine or part thereof in which any dangerous condition exists, whether said condition is declared to be unlawful by statute or not. If a condition exists in a mine which is dangerous, whether such condition is declared to be unlawful, the mine inspector or his assistants may stop the operation of such mine until such danger is removed. The department has authority to issue and enforce an order directing the elimination of a dangerous condition in a mine or portion thereof.

Very truly yours,

THOS. M. HONAN,
Attorney-General.

OPINION OF ATTORNEY-GENERAL RELATING TO DELIVERING OF TIMBERS TO THE ROOMS OF THE WORKMEN.

INDIANAPOLIS, IND., September 17, 1913.

Frank I. Pearce, Deputy Inspector of Mines and Mining, Indianapolis, Ind.:

Dear Sir—Your letter at hand in which you ask substantially the following:

"At what point in a coal mine is the mine management required to deliver timbers used in the mines? Must the timbers be delivered at the face of the room which may be as far as two hundred fifty feet from the cross-entry, or does any point nearby or in the room constitute a delivery of the timbers as required by law?"

I call your attention to an act of the General Assembly of 1905 entitled, "An act to revise the laws in relation to coal mines and subjects relating thereto and providing for the health and safety of persons employed therein."

Section 15 of said act provides that the operator of any mine shall keep a sufficient supply of timber at the mine, and shall deliver all props, caps and timbers (of proper lengths), to the rooms of the workmen when needed and required, so the employes may at all times be able to properly secure the workings from caving in," etc.

Section 12 of said act provides that the mine boss shall visit and examine every working place in the mine at least every alternate day while the miners of such places are or should be at work, and shall examine and see that each and every working place is properly secured by timbering and that the safety of the mine is assured. He shall see that a sufficient supply of timbers is always on hand at the miners' working place.

Taking these two sections together I am of the opinion that the timbers should be deposited at the miners' working place.

Very truly yours,

THOS. M. HONAN,
Attorney-General.

FATALITIES AND INJURIES TO MINE EMPLOYES.

Under this caption, accidents to mine employes are classed under four separate heads, viz., Fatal, Permanent, Serious and Minor, each class being treated separately.

Under the head of Fatal Accidents, we include those where persons were killed outright and those whose injuries proved fatal, death frequently resulting in a few days, weeks or months after the accident occurred.

Under the head of Permanent Injuries we include those where persons suffered the amputation of a limb or arm, a broken spine, the loss of an eye or other injury seriously imparing or unfitting them to follow their usual occupation.

Under the head of Serious Accidents, we class those resulting in broken or dislocated limbs, internal injuries, cuts, bruises, or other injuries causing the person injured any considerable loss of time and of a nature serious enough to call for special attention.

Under the head of Minor Injuries we include those accidents where persons have suffered only slight cuts, bruises or injuries entailing but little loss of time.

In probably one-fourth of the minor accidents no loss of time whatsoever resulted, the injuries representing a mashed finger, bruised foot or a slight cut. It is necessary, however, that we secure a report of all accidents in and around the mines, by reason of the fact that the statute requires this department to investigate all accidents where a physician's attendance is required; also,

that frequently what a mine boss on first examination would consider a seemingly trivial accident, terminates most seriously.

The monthly reports of mine bosses, coal companies and reports of inspectors made to this office during the year ending September 30, 1913, show an aggregate of 1,342 accidents to mine employes, classed as follows: Fatal, 59; permanent, 5; serious, 401; and minor, 877.

The different causes of each class of these accidents are exhibited in the annexed table:

TABLE

Showing the Number of Fatal, Permanent, Serious and Minor Accidents Occuring in and Around the Coal Mines of Indiana During the Fiscal Year Ending September 30, 1913, and the Different Causes of Such Accidents.

Cause of Accident.	Fatal.	Permanent.	Serious.	Minor.	Total.
Falling coal	4		26	59	89
Falling slate	22	3	107	139	271
Mine cars and motors	7		146	324	477
By mine mules			31	99	130
Mining machines			18	40	58
Explosion of powder	4		9	2	15
Premature blasts			1		1
Shot blowing through pillar	1			1	2
Windy shots, powder gases, etc	11		15	14	40
Going back on shot			3		3
Explosion of dynamite cap				1	1
Explosion of firedamp	6		13	14	33
Mine cages	1		5	10	16
Coal falling down shaft			2	3	5
Falling down shaft	1				1
Electric shock	1			9	10
Explosion of carbide			1	2	3
Overwinding sinking bucket	1		1		2
Railroad cars			2	1	3
Boiler explosion			1		1
Miscellaneous		2	20	159	181
Total	59	5	401	877	1,342

DESCRIPTION OF FATAL ACCIDENTS.

We give herewith, by months and by counties, a brief description of the fatal accidents occurring during the fiscal year ending September 30, 1913, with a statement of facts and circumstances attendant thereto adduced by investigations made by this department acting in conjunction with the coroners of the various counties in which the accidents occurred.

CLAY COUNTY.

March 19, 1913, German Mine.—Harvey Funk, miner, seventeen years of age, American, single, was fatally injured by falling slate.

About 8:45 a. m., the decedent, who worked in room No. 3 off of the first south entry on the north side of the mine, was loading a car of coal, when a fall of slate fell upon him injuring him so badly that he died March 20, 1913.

June 28, 1913, Plymouth No. 2 Mine—Swan Ek, miner, sixty-three years of age, Swede, single, was fatally burned by an explosion of powder.

From the investigation made of this accident, it appears Mr. Ek, after charging a shot, was removing his tools and a partial keg of powder on which he had neglected to place the top, from the face of his working place, No. 6 room on the second east entry off the second south, when in some manner the powder was ignited, probably by a spark from his naked light, causing it to explode, burning him so badly about the hands, chest and back that he died June 30, 1913.

FOUNTAIN COUNTY.

January 14, 1913, Indio Mine.—W. C. Allen, top laborer, thirty-three years of age, American, wife and child, was killed by an empty mine car.

Allen was descending an incline on which the coal was hauled upon the tipple, when he was run down and instantly killed by an empty mine car that had become uncoupled from the cable.

GIBSON COUNTY.

February 7, 1913, Fort Branch Mine.—Horace Dewees, shot-firer, thirty-eight years of age, American, wife; and William Bush, shot-firer, forty years of age, American, wife and two children, were killed by an explosion of windy shots, powder, powder gases and coal dust.

Decedents were employed by the miners and loaders working on the day shift to fire their shots at the end of their day's work. They usually entered the mine to commence work about 4:00 o'clock p. m., and were hoisted out of the mine between seven and 8:00 o'clock p. m., depending on the number of shots they had to fire, and the time taken in firing them.

On the west side of the mine, the coal was all undercut with electric mining machines, while that on the east side was all blasted off the solid.

As was customary, they fired the shots on the west side of the mine first, and then crossed over to the east side, where they fired those on the first and second north entries, and the main east entry and air course, after which they lit the shots in the working places on the second south entry in order; rooms Nos. 6, 7, 8, 9, 10, 11, 12, 13, 14 and the entry. On completing the lighting of these shots they passed through the last open breakthrough to the first south entry, where they lit a shot at the face of the entry, also those in Nos. 13 and 12 rooms, and were on their way to No. 11 room to light the shots in that working place, when the explosion occurred.

All the shots in the mine, with the exception of those in rooms Nos. 11, 10, 9, 8, and 7, on the first south entry, were fired. The explosion, as near as could be learned, occurred about 7:10 p. m., and blew the brattices built in the breakthroughs between the first and second south entries off main east towards the first south entry, indicating that the greater force of the explosion came from the second south entry.

On the second south entry near the last open breakthrough some power in a paper keg was exploded and a small fire was found in the breakthrough and extinguished. The entries and roadways were dry and dusty and coke or charred coal was found in a number of places sticking to the timbers, cars and sides, which would also indicate that fine, dry coal dust as well as loose powder had played an important part in the explosion.

The ventilation in the mine was very good, and especially so on the first and second south entries, which were on the first of the air. Firedamp was seldom found in sufficient quantities to be detected by a safety lamp.

Two shots were frequently fired at the same time in a working place by the shot-firers placing a squib in one hole and a short piece of fuse and a squib with the match end pinched off in the

other. A number of paper cartridges were found filled with fine coaldust and small pieces of coal, which would indicate that shots were tamped with inflammable material.

The coal seam being worked is known as No. V, and on account of the large boulders that very frequently occur in the roof and coal, which is characteristic of this seam wherever it is being mined, considerable difficulty is experienced in mining.

From the condition of the working places in which the shots were fired, namely Nos. 6, 7, 8, 9 and 10 rooms on the second south entry, it appeared that they were heavily overcharged with powder, and that one or more of them had much to do with the propagation of the explosion.

Summing up all the foregoing facts, it appears that the decedents met their death as a result of an explosion of powder, powder gases and coal dust suspended in the mine air that originated from one or more of the excessively charged shots in Nos. 6, 7, 8, 9 and 10 working rooms on the second south entry on the east side of the mine, which, no doubt, were lit in rapid succession by the two shot-firers. And it is the opinion of the department that so long as the present system of mining coal by blasting off the solid is practiced at this mine, such accidents are very likely to occur in the future.

February 27, 1913, Princeton Mine.—John Boger, miner, forty-eight years of age, American, wife and child, was fatally injured by falling slate.

Boger, who worked in No. 1 room on the second east entry off the sixth north on the east side of mine, was pushing an empty mine car into his room, when a piece of slate about six feet long, five feet wide and ten or twelve inches thick, fell upon him, injuring him about the hips, back and body, resulting in death March 23, 1913.

GREENE COUNTY.

January 9, 1913, Monon No. 6 Mine.—Elmer Sexton, loader, twenty-four years of age, American, wife and two children, was instantly killed by falling slate.

Sexton and Peter Miller were loading coal in Nos. 40, 41 and 42 rooms on the seventh west off the main south entry. Decedent went up to the face of No. 41 room, which had been undercut by an electric mining machine, for the purpose of asking the machine men if they had cut through to some old workings, and while standing with his hand against the face of the coal, a piece of slate fell upon him, killing him instantly.

January 14, 1913, Summit No. 2 Mine.—Stanley Davis, driver, twenty-one years of age, American, single, was killed by a trip of loaded mine cars.

There were no eye-witnesses to this accident. However, it appears from investigation made, that decedent, with a sprag in the front wheel of each car, started out from the fourth double parting on the sixth northeast entry with a trip of three loaded cars, and in some manner was run over by the first loaded car, and killed.

February 15, 1913, Green Valley Mine.—James Taylor, driver, thirty-six years of age, English, wife, was fatally injured by falling rock.

Taylor, Badge Wright, and Alexander Andrews had shot out a prop with dynamite, letting down a large amount of rock, which they were cleaning up, when another fall of rock occurred, catching decedent under it, injuring him so badly about the back, head and body that he died March 5, 1913.

April 15, 1913, Green Valley Mine.—William A. Mitchel, loader, thirty-three years of age, American, single, was instantly killed by falling rock.

The accident occurred in No. 62 room on second northwest entry in which the decedent and John Halls were loading coal. It appears from the investigation of the accident, that decedent was trying to bar down coal at the face of his working place, when a rock about seven feet long, six feet wide and fifteen inches thick, fell upon him, killing him instantly.

June 11, 1913, Vandalia No. 9 Mine.—John McAtte, loader, fifty years of age, American, wife and five children, was killed by falling slate.

McAtte, who was loading coal in No. 13 room on the eighteenth west entry off the south was taking down loose coal at the face of his working place, when a piece of slate about five feet seven inches long, three feet nine inches wide and seven inches thick fell upon him, killing him instantly.

September 11, 1913, Northwest Mine.—J. P. Bushman, miner, 62 years of age, American, single, was instantly killed by falling rock.

KNOX COUNTY.

December 27, 1912, Tecumseh No. 2 Mine.—Frank Stewart, surveyor, twenty-seven years of age, American, single, and William Pryor, his assistant, nineteen years of age, American, single, were killed by an explosion of firedamp.

Stewart and Pryor, his assistant, went into the mine about 8:00 o'clock in the evening, or shortly after the shot-firers had finished firing the shots of the men working on the day shift to extend the survey sights nearer the working faces. When in the seventh or eighth east entry on the south side of the mine, they ignited with their naked lights an explosive mixture of gas and air (firedamp) that had accumulated as a result of a booster fan being stopped on that side of the mine. The booster fan, which was operated by electric power, as was the custom, was stopped on the evening of the accident about 5:00 p. m., after the shots were all fired on this side of the mine.

The accident, as near as could be learned occurred about 9:17 p. m. This left an interval of about four hours elapse from the time the fan was stopped until the explosion occurred, and as several of the working places in this part of the mine were generating considerable gas, there must have been quite a large amount accumulated in that time.

There was no one else in the mine at the time of the explosion, and the accident was not discovered until about 4:00 o'clock the next morning, when the fire boss was examining that part of the mine for gas before the day shift entered.

The force of the explosion completely destroyed the booster fan, and blew down several doors and brattices, and as a result considerable time was lost in rescuing the two men after the accident was discovered on account of afterdamp. Stewart was finally found dead near the head of the seventh east entry, having succumbed to his injuries and the afterdamp. Pryor was found a short time later, still alive, on the eighth east entry near the mouth of No. 1 room, but he also died that evening from his injuries, and the afterdamp that he had inhaled as a result of the explosion.

July 8, 1913, Wheatland Mine.—Edward Tolson, timberman, fifty-four years of age, American, wife and four children, was instantly killed by falling rock.

It appears by the investigation made of this accident, that Mr. Tolson was regularly employed at the mine as a miner, but on the day of the accident, decedent, Roger Patterson and Gus Mandaback were taking up bottom and timbering some loose rock on the third east entry off the main north, when a large rock fell upon him, killing him instantly.

PARKE COUNTY.

May 22, 1913, Parke No. 12 Mine.—John Johnston, dayman, fifty-two years of age, American, wife and three children, was fatally injured by being crushed between an empty mine car and the rib.

Johnston was standing near the mouth of the third north entry on the east side of the mine, sluing an empty trip of mine cars into a switch leading into the third south entry, when the last car in the trip jumped the track, catching him against the rib, resulting in injuries to the side and back, from which he died about thirty minutes after being removed from the mine.

PIKE COUNTY.

August 26, 1913, Peacock No. 2 Mine.—Rufus West, miner, twenty-three years of age, American, wife, was fatally injured by falling slate.

Mr. West was at work in No. 1 room on the first west off of the main south entry, when a piece of draw-slate fell upon him, injuring him so badly about the head and back that he died about four hours after the accident. Decedent had examined the draw-slate which protruded over the face of the coal before starting to work, and believed it to be safe.

SULLIVAN COUNTY.

October 16, 1912, Sunflower Mine.—Wellman Azbell, machine helper, thirty-eight years of age, American, wife and three children, was fatally injured by a fall of slate.

The decedent and Exam Lewis were undercutting the coal with an electric mining machine in No. 4 room on the third southwest, Lewis operating the machine and Azbell shoveling slack while in a sitting posture. About 11:30 a. m., a piece of draw slate three and one half feet long, two and one half feet wide and three inches thick, fell upon him, injuring him so badly about the back that he died about 7:30 that evening.

November 2, 1912, Keystone Mine.—Charles H. Phillips, miner, forty-six years of age, American, wife and child, was fatally burned by an explosion of powder.

The decedent, who worked in the fifth north entry off the fourth west on the west side of the mine was bending forward inserting a paper cartridge, filled with powder in a drill hole, when some gas that was forced out of the hole by the cartridge was ignited

by a naked light. This ignited the powder in the paper cartridge, causing it to explode, and also set off a partial keg of powder that he had left on top of a box about twenty feet outside of his working place.

Phillips in escaping the exploding cartridge, passed the partial keg of powder as it exploded, and was severely burned on the body and face. The accident occurred about 2:00 p. m., and resulted in death at 3:10 p. m., the following day.

November 8, 1912, Reliance Mine.—William S. Baxter, loader, thirty-nine years of age, Welsh, wife and two children, was fatally injured by falling slate.

About 12:00 o'clock, noon, the decedent and A. B. Carnell were loading coal out of a breakthrough on the second east entry off first south on the west side of mine, when a large piece of slate fell upon him, injuring him so badly that he died about 1:30 p. m.

November 29, 1912, Vandalia No. 10 Mine.—Frank Sims, motorman, twenty-three years of age, American, wife and two children, was instantly killed by being crushed between an empty mine car and motor.

As James Sims, motorman, brother of decedent and Earnest Kleusner, trip-rider were going in the main west entry with a trip of empty mine cars, the trolley pole left the trolley wire near the first north entry and in some manner was broken. The motor and trip was allowed to coast down the entry to a telephone near the third north entry, where it was their intention to order a new trolley pole. The deceased, following with another motor, to which there was coupled a number of empty mine cars, on rounding a slight curve near the third north entry collided with the rear end of the first motor trip with such force that he was caught between the motor and mine cars, being instantly killed.

December 4, 1912, Monon No. 5.—Commodore Smith, loader, sixty-five years of age, American, wife and child, was instantly killed by falling slate.

Russell and Joe Logsdon, seventeen and fifteen years of age, respectively, who were working in No. 10 room on the ninth east entry off the main south, the next working place to that of the decedent, about 1:00 o'clock p. m., were sounding the roof in their working place, when decedent came to the breakthrough between the two rooms, and asked what was wrong. Russell told him that the room was about to cave in and decedent got a pick and started to sound the roof in their working place, when a large piece of slate fell upon him, killing him instantly.

December 31, 1912, Averill No. 1 Mine.—Charles Allen, miner, thirty years of age, American, wife and two children, was fatally burned by an explosion of powder.

There were no eye-witnesses to this accident, but it appears by the examination made that decedent at the time of the accident was pouring powder into a paper cartridge from a nearly full keg which he held under his arm, when the powder was ignited by a carbide lamp that he had on his head, causing the powder to explode, burning him so badly about the face and body that he died January 3, 1913.

January 22, 1913, Consolidated No. 33 Mine.—William Carpenter, miner, sixty-three years of age, American, wife and two children, was instantly killed by falling coal.

About 2:00 p. m., while the decedent was at work at the face of No. 2 room on the first west off the first south off the east on the south side of mine, a piece of top coal fell upon him, killing him instantly.

January 25, 1913, Reliance Mine.—George Sloan, jerry and extra driver, twenty-one years of age, American, single, was instantly killed by falling slate.

Sloan had been employed as extra driver, but on the date of the accident was assisting the timberman, and when on the sixth west entry off the twenty-sixth south entry, was told by James Vilk, a loader, that No. 4 room needed fixing before the machine men could cut it. Decedent proceeded to the face of the room, where he knocked out a prop, which Vilk had set up a short time previous. Vilk then heard a heavy fall and on investigation found decedent under a large piece of slate that had fallen upon him, killing him instantly.

March 5, 1913, Monon No. 3 Mine.—George Sargeant, fire boss, fifty-three years of age, Scotch, one child, was fatally burned by an explosion of firedamp.

It appears by the investigation that was made of this accident that the decedent on the morning of March 5th after examining the west side of the mine went over on the east side, where he started a booster fan located in the first north entry off of the main east, that had been standing idle since the evening of March 1st. After starting the booster fan, he proceeded in the first west entry off of the first northeast, and when at a point about one hundred sixty-four feet from the face of the entry, ignited, possibly with his naked light, an explosive mixture of gas and air (firedamp) that

had accumulated as a result of the booster fan standing idle. The explosion blew out nine wooden brattices, and burned Sargeant so badly that he died March 19th.

March 23, 1913, Vandalia No. 10 Mine.—Robert Sellers, driver, twenty-two years of age, American, wife and two children; John Dawson fire-boss forty-four years of age, English, wife and three children, and James Cross, loader, twenty-years of age, American, single, were fatally injured by an explosion of firedamp.

This was one of the most disastrous accidents during the year, and from the investigation made, it appears, about 9:30 a. m., a very heavy fall of roof occurred in No. 8 or No. 9 room on the second east entry off the third northwest. The concussion from the fall was so great that it blew open the trap doors between the first and second east entries, and as gas is frequently liberated by heavy falls of slate at this mine, the men working on the second east entry became alarmed and sent for John Dawson, the fire boss. Dawson on coming into that part of the mine started up the entry to locate the fall, when the explosion occurred.

The explosion, no doubt, was caused by an explosive mixture of gas and air (firedamp) coming in contact with a naked light as a result of gas being liberated by the fall. Besides fatally injuring Sellers, Dawson and Cross, William Wilks and Levi Bridges sustained serious injuries, and Richard Wheeler, William Cooper and Charles Sipman received minor cuts and burns.

April 24, 1913, Monon No. 5 Mine.—Thomas Anderson, track-layer, thirty-two years of age, American, single, was instantly killed by falling slate.

Hugh Butler, R. L. Highfield and decedent, about 9:10 a. m., were taking coal off of the pillar in the first cross-cut between the first and second north entries off tenth east on the north side of the mine in order to give more space for the passing of mine cars. Anderson was trimming off some coal at the point of a shot that had been fired, when a piece of draw slate fell upon him from under which the coal had just been blasted, killing him instantly.

June 18, 1913, Vandalia No. 10 Mine.—Richard Lomas, loader, thirty-three years of age, English, wife and two children, was fatally injured by falling slate.

Decedent, who was working with Thomas Hurst in No. 15 room on the twelfth east entry off the north, was taking down top coal, when he was caught under a fall of slate and injured so badly that he died June 23, 1913.

July 21, 1913, Averill No. 1 Mine.—Henry Gadille, miner, eighteen years of age, French, single, was fatally burned by an explosion of powder.

The mine had been idle for some time, and the decedent, as he was preparing to charge a shot, cut a short piece of fuse from a roll that had been left in the mine and lit it to see if it had become damp. As he did so, he gave it a toss, and it fell in a full keg of powder that he had just opened, causing it to explode, burning him so badly that he died August 5, 1913.

August 1, 1913, Jackson Hill No. 2 Mine.—J. J. Ralston, brattice man, sixty-two years of age, American, wife and three children; William Lenard, miner, thirty-six years of age, American, wife and five children; Wm. Keyser, miner, thirty-two years of age, American, wife and five children, and Rush Badson, miner, twenty-six years of age American, wife and three children, were fatally injured by an explosion of windy or blown-out shots, powder, powder gases and coal dust.

This was the most disastrous accident that has occurred in the mines since the year 1909, when six men were killed in an explosion. The company in March, 1912, abandoned No. VI seam in which they were operating with electric mining machines, and sunk the main shaft, air and escape shaft down to No. V seam. The No. V seam, which varies in thickness and lies irregular, is made more difficult to mine both with mining machines and by hand on account of large boulders that are occasionally encountered in the roof and floor and which extend a considerable distance into the coal strata itself. Electric mining machines were used for a time in No. V seam, but their use was finally discontinued on account of the difficulty experienced in undercutting the coal, and as a result, the coal is blasted off the solid. The men fired their own shots, which in this instance made the accident prove more disastrous.

Examination was made of the mine on the day following the explosion by Assistant Deputy Inspectors Fennell, Scollard and Church; William Evans, superintendent, Boyd Walters, mine boss, Clifford Huffman, inspector for the Indiana Coal Operators' Reciprocal Organization, and myself. According to this examination, and the testimony of witnesses examined at the coroner's inquest, which was held later, it appears that the explosion was due to a windy or blown-out shot or shots in No. 12 room, the working place of Jake Secrest, located on the second west entry on north side of mine, which set off at least two partial kegs of powder just

outside of this room, igniting the powder gases produced by the explosion of powder and fine coal dust produced in blasting down the coal.

There were about twenty-nine shots fired on the first and second west entries on the evening of the accident. These were all primed with fuse cut at different lengths in order to suit the depths of the different drill holes, and ignited in rapid succession, one after the other, by the men, firing their own shots, and it is very likely that a number of these were exploded simultaneously, making the force of the explosion much more intense.

Examination of the mine workings and shots fired in the working places on these entries, together with testimony of witnesses examined at the coroner's inquest, shows almost conclusively that the explosion originated from one or more of the shots that were fired in No. 12 room on the second west entry. There were three shots fired in this working place, and as near as could be determined, they were placed in the following manner:

First. A shot near the right rib pointed towards the face of the room drilled about eight feet deep with breast of coal to be dislodged about five feet thick at the heel, and six and one half feet at the toe or point, at right angles with the direction of the drill hole. There was also some top and bottom coal directly in front of this shot, and it appears that the top coal, at least, was not cut through, in order to give the shot a loose end for the entire thickness of the coal.

Second. A shot gripping in the face of room about three and one half feet deep, and drilled slightly beyond point of shot No. 1.

Third. A shot gripping in the right rib about six and three-fourths feet deep at such angle that three and one-half feet of it had no chance whatever of pulling the coal.

All three of these shots, with the possible exception of the second, were not only poorly balanced, but were excessively charged with powder, and as a result blew the heel off with much force, and no doubt created a great deal of flame and left the point of each shot standing solid.

The explosion, besides causing the death of J. J. Ralston, Wm. Keyser, Wm. Lenard and Rush Badson, also resulted in the injury of twenty-seven others, fifteen of which may be classed as serious. Fortunately the ventilating apparatus and cages were not put out of commission by the explosion, and as a result the work of rescue was quickly carried out, and no doubt resulted in the saving of several lives.

September 18, 1913, Shirley Hill No. 3 Mine.—James Varner, loader, sixty-one years of age, American, wife and three children, was fatally injured by falling slate.

Edward Wools and James Varner were loading coal at the face of No. 2 room on the first west off the fourth southwest entry, and about 7:30 a. m., while they were loading a car, the decedent started to set a prop under a loose piece of slate, and as he was doing so, the loose piece of slate fell upon him, injuring him so seriously about the head that he died Octobed 14, 1913.

September 22, 1913, Sunflower Mine.—William Heaton Sr., loader, fifty-seven years of age, English, wife and grandchild, was fatally injured by falling slate.

From the investigation made of this accident, it appears that decedent was loading a car of coal at the face of his working place, No. 22 room on the sixth south entry off the northeast; when a piece of slate two feet long, two and one half feet wide and five inches thick fell upon him, injuring him about the head and neck, resulting in his death a few minutes later.

VERMILLION COUNTY.

October 17, 1913, Oak Hill No. 1 Mine.—Charles Kulevinska, shot-firer, twenty-eight years of age, Russian, single, and Tony Andrewkitis shot-firer, twenty-one years of age, Russian, single, were suffocated as the result of an explosion.

The explosion occurred about 4:30 p. m., an hour after the two shot-firers had descended into the mine, and at a time when they were nearly through firing the men's shots.

An examination of the mine, which was being opened up in what is known as No. 11I seam, was made on the day following the explosion by Phil Roberts, mine superintendent; John B. McSwayne, fire-boss; John Collins, track-layer; W. A. Edwards and R. E. Collins, assistant mine inspectors. The mine was found to be completely wrecked. Smoke-stacks on the boiler room were blown down; a new fan sitting close to the fan house, that was being set up, was blown over; the fan and fan house were both badly damaged; steps were blown out of the manway, mine cars and mine tracks were torn up and doors and brattices were blown down and destroyed.

The coal is all blasted off the solid, and a number of badly placed and excessively charged shots had been fired. Some of the shots in the entries were drilled as much as three feet ten inches past their "loose end" chance or end of cutting. Gas had accumulated at the following places: in the last six rooms on the second

east southwest and entry from No. 6 room to the face of the second east north side, and the first and second northeast entries from the mouth to the face. In most entries and rooms there was fine powdered dust, and in some instances soot.

The mine was known to generate firedamp, but the ventilation was good, and according to the testimony of John B. McSwayne, fire-boss the mine was practically free of gas on the day of the explosion; it was the consensus of opinion that the gas found in the mine the day after the explosion was due to the fact that the ventilation in the mine was not in normal condition. Doors and brattices had not yet been replaced and the fan and fan house had only been temporarily repaired.

The explosion was so terrific and did so much damage, blowing things in every direction, that it was next to impossible to locate its starting point.

After summing up all the foregoing facts, it appears that the explosion was due to the simultaneous explosion of a number of poorly placed and excessively charged shots, powder gases and fine coal dust suspended in the mine air.

November 16, 1913, Oak Hill No. 1 Mine.—Frank Underhill, shot-firer, twenty-nine years of age, American, single, and Preston Robbins, shot-firer, twenty-seven years of age, American, single, were both killed by an explosion.

The force of this explosion was terrific and general. Both cages were put out of commission, and the escape shaft badly damaged; mine track was torn up and twisted out of shape; mine cars were blown to pieces; brattices were blown down and destroyed and the fan was stopped.

The fan was started as soon as possible, and a search begun for the two shot-firers by men that were lowered down the hoisting shaft with ropes. They were found in the second east entry off the first north on the west side of the mine. Underhill was found at a point about thirty-five feet inside the mouth of the entry, and Robbins at the face of No. 1 room. Both men were dead when found, having been killed by the force of the explosion. This was the second accident of its kind occurring at this mine within a month, and as soon as possible a very thorough and careful investigation was commenced. The mine was carefully examined, and every person who it was thought could throw any light on its cause was examined under oath. It appears from the investigation made that the decedents, after the men working on the day shift had been hoisted out of the mines, lit about forty-two

shots in rapid succession in the following working places: First and second west entries off the first north off the main east; first and second north entries off the main east; first and second east entries off the second north off the main east; first and second east entries off the second south off the main east air course; first and second south entries off the main east air course; sixteen rooms being driven south on the second entry going west off the first south entry off the main east air course connecting with the first south entry off the main west air course, on the west side of the mine, and the first and second south entries off the main west air course.

The coal was all blasted off the solid, and at the best is very hard to mine. In several working places there were two shots fired, and in one or two others there were, perhaps, as many as three. Most of the shots fired, besides being poorly placed, were excessively overcharged with powder, while all of them were primed with fuse cut at different lengths to suit the depths of the different drill holes, and it is more than likely that a number of them, when lit, exploded at the same time. This, no doubt created a great deal of force and flame, and set off some loose powder in kegs that were found burst open, which in turn ignited the coal dust suspended in the mine air. The mine was free of gas according to the testimony of J. B. McSwayne, fire boss, when he made his examination of the mine on the morning before the day shift entered the mine to begin their day's work. The mine ventilation was good, and although the mine was dry, the roadways were kept damp by sprinkling. This was not only borne out by the examination made of the mine, but also by the testimony of witnesses examined.

After summing up all the foregoing facts, it was the consensus of opinion that the explosion was due to the simultaneous explosion of a number of poorly placed and excessively charged shots, powder, powder gases and coal dust suspended in the mine air: Also that so long as the present system of mining the coal at this mine was carried on, such accidents are likely to occur. The department very strongly urged the company to undercut the coal with mining machines, which is now being done, and it is hoped, by this method of mining, another accident of this kind will be avoided at this mine in the future.

December 24, 1912, Dering No. 8 Mine.—John S. Hughes, miner, forty-two years of age, Scotch, wife, was fatally injured by falling slate.

Decedent was loading a car of coal at the face of his working place, No. 12 room on the eleventh east entry off the main south, about 9:00 a. m., when a piece of slate fell upon him, injuring him so badly that he died December 28, 1912.

January 10, 1913, Universal No. 4 Mine.—Peter Peacock, machine runner and loader, thirty-three years of age, Scotch, wife and five children, was killed by a fall of slate.

Allen McLean Summers and the decedent, after undercutting the coal at the face of second east entry off the second south on south side of the mine with an electric mining machine, knocked out two props in order to load the machine on the truck, when a large piece of slate thirteen feet long, twelve and one-half feet wide and ten inches thick, fell upon him, crushing him about the head and legs so badly that it resulted in his death.

February 4, 1913, Oak Hill No. 2 Mine.—Earnest Cunningham, day-man, twenty-eight years of age, American, wife, was fatally injured by a descending cage.

The decedent and a number of other men, about 3:15 p. m., "quitting time," were standing on the shaft bottom, when the south cage came down with an empty car. The cager, John Oska, after pulling the empty car off the cage pulled the signal bell twice, which is the signal to the engineer, that men are coming up, but the bell in engine room, for some reason only rang once, and the engineer blew his whistle once, and hoisted the cage. As the cage started upward, the men made a rush to get on. Cunningham, who was in the lead, fell and was caught between the ascending cage and the brow timber at the shaft bottom and injured so badly that he died about an hour later.

February 20, 1913, Crown Hill No. 3 Mine.—Peter Zimerei, loader, twenty-seven years af age, single, was fatally injured by falling coal.

About 2:40 p. m., the decedent was loading a car of coal at the face of No. 1 room on the fourteenth west entry off the second south off the main west, when a large piece of coal fell over on him, killing him almost instantly.

March 12, 1913, Dering No. 8 Mine.—John Matson, trip-rider, nineteen years of age, Finlander, single, was killed by being crushed between the mine motor and an empty mine car.

The decedent was riding the front end of the mine motor, as it was coming out from the main east parting about 8:30 a. m., when the motor ran into an empty mine car that was lost off the trip, as the motor was going in. The motorman saw the car, and shut

the power off and put on the brakes, but too late to keep from crashing into it. Matson also saw the empty car, and tried to escape by climbing on top of the motor, but was caught between the car and motor and fatally injured.

July 25, 1913, Crown Hill No. 5 Mine.—Leonard Wright, top hand, eighteen years of age, American, single, was killed by falling down the shaft with a loaded mine car.

This was one of the most unfortunate accidents to occur during the year. A car of coal that was put on one of the cages at the shaft bottom was hoisted up to the dump at the top of the tipple, but on account of a damaged car door could not be dumped by the engineer. In the meantime another loaded car was put on the other cage, and the cage belled away. This made a loaded car on each cage, and the engineer not being able to dump the one at the dump chute, let it down to the ground landing, where Ortie Kispert, Harry Dowdy, Charles Stites and the decedent tried to take the car off the cage. Dowdy and Stites were pulling on the front end of the car, and Wright and Kispert were at the rear end pushing. They succeeded in getting the front wheels of the car off the cage, when the cage on which Wright and Kispert were standing shot upward, throwing Wright into the shaft and the loaded car after him, Kispert being thrown to the ground landing. The engine and brake were in good condition, but a loaded car on the other cage was a condition that had not been given the consideration that it should have had, and shot the opposite cage up into the tipple, causing the accident.

August 4, 1913, Universal No. 4 Mine.—Benjamin Reese, Jerry, forty-two years of age, Welsh, wife and child, was fatally injured by falling slate.

About 8:30 a. m., the decedent and Walter Dutell were taking down some loose slate near the mouth of No. 13 room on the second north off the fourth northeast. They had sounded the roof under which they were working, which appeared to be solid. But when the slate that they were taking down fell, a piece outside of this point also fell, catching Reese under it, causing injuries from which he died September 6, 1913.

September 19, 1913, Universal No. 4 Mine.—Joseph G. James, driver, twenty-five years of age, American, wife and child, was fatally injured by being crushed under a loaded mine car.

According to the investigation made of this accident, it appears that the decedent was riding on the front end of a loaded mine car, and on coming through the cross-cut between the third and

fourth north entries off the second west on the south side of mine he fell in front of the car and was injured so badly that he died as he was being taken out of the mine.

VIGO COUNTY.

October 16, 1912, Pine Ridge Mine.—Ellis Hanson, shot-firer, twenty-six years of age, American, wife and two children, was suffocated by afterdamp as the result of an explosion.

Decedent was employed by the men to fire their shots at the end of their day's work and entered the mine about 3:00 o'clock in the afternoon on date of the accident. He had succeeded in lighting about fourteen shots in the first and second south entries off the main east entry and the main entry and air course, when the explotion occurred.

The force of the explosion blew down several doors and brattices, and depleted the oxygen in the air in that part of the mine, and as a result the decedent was suffocated before he could be rescued.

Examination was made of the mine the day following the explosion, and according to this investigation and the testimony of witnesses examined, it appears that the explosion was due to the instantaneous explosion of a number of poorly placed and excessively charged shots and fine coal dust suspended in the mine air.

October 15, 1912, Plymouth No. 2 Mine.—Simon Voisey, miner, sixty-three years of age, English, four children, was killed by falling slate.

There were no eye-witnesses to this accident, but it appears that the decedent was working in what is known as the fifth southwest entry off the fourth south on the west side of mine, and at the time of the accident was either on his way to a point outside of his working face where he kept his tools, or was trying to escape the slate that fell upon him, killing him instantly.

January 30, 1913, Pittsburg No. 1 Mine.—Lon Cronk, sinker, thirty-three years of age, American, wife and three children, was fatally injured by a loaded sinking bucket and its contents falling down the shaft.

The decedent and Peter Jacquers were helping to sink an escape shaft, and about 6:20 p. m. had loaded the sinking bucket with rock and signaled the engineer to hoist. The engineer hoisted the loaded bucket past the ground landing and up into the sheave wheel with such force as to break the chain connecting the rope and bucket, causing the bucket and its contents to fall down the shaft, fatally injuring Cronk and causing serious injuries to Jacquers.

January 31, 1913, Chicago No. 6 Mine.—Alfred York, shot-firer, thirty-six years of age, American, wife and four children, was killed by a shot blowing through a pillar.

The decedent and Jesse Carty, who were employed as shot-firers, lit three shots in No. 13 room on the fourth east entry on the south side of the mine, one of which was drilled in the pillar between No. 13 and No. 14 room. After lighting these shots, Carty went into the third east entry to tamp some shots, and decedent went into No. 14 room, which was running parallel with No. 13 room, to tamp some shots in that working place, when the shot drilled in the pillar between No. 13 and No. 14 rooms, which they had previously lit, exploded, blowing through the pillar, killing him instantly.

July 5, 1913, Wabash Mine.—Fred Walton, Jr., trapper, fourteen years of age, American, was fatally injured by a loaded mine car.

The decedent was employed to trap the door between the thirteenth and fourteenth north entries off the main east. About 11:30 a. m., after Fred Smith, who was driving on these entries, had gone inside for a loaded trip, Walton laid down on the track and fell asleep. Smith, on coming out of the thirteenth north entry with two loaded cars, did not see the boy lying across the track until too late to stop the cars, and as a result he was run over and injured so badly that he died about 2:00 p. m., that afternoon.

July 23, 1913, Deep Vein No. 4 Mine.—Evan Morris, trip-rider, twenty-seven years of age, Welsh, father and mother, was electrocuted.

The decedent came in contact with the trolley wire as he was climbing on the front end of the motor, when it was about to leave the third southwest parting with a loaded trip, and received an electric shock from which he died a few minutes later.

August 9, 1913, Pittsburg No. 2 Mine.—Otto Sullivan, miner, twenty-nine years of age, American, mother and father, was fatally injured by falling coal.

The decedent was undermining some coal at the face of his working place, No. 9 room on the first south off the main west entry, that had been shot the evening before, when it fell over on him, injuring him so badly that he died August 18th.

WARRICK COUNTY.

April 25, 1913, Big Four No. 2 Mine.—Elmer Walker, loader, thirty-two years of age, American, wife and three children, was fatally injured by falling top coal.

Decedent and Philip Haas were loading a car of coal at the face of the first west entry off of the first north, when a piece of top coal fell upon him, crushing him so badly about the body that he died the following day.

September 5, 1913, Epworth Mine.—John Ryan, timberman, twenty-three years of age, American, single, was killed by falling slate.

Decedent, about 12:00 o'clock noon, was helping to take down slate and timber the shaft bottom, when suddenly and without warning the cross-bars supporting a large amount of loose slate gave way, allowing it to fall upon him, killing him instantly.

TABLE

Showing the Total Number of Fatal, Permanent, Serious and Minor Accidents Occurring During the Fiscal Year Ending September 30, 1913, and the Different Occupations of Persons Fatally or Otherwise Injured.

MINING COAL.

Occupation.	Fatal.	Permament.	Serious.	Minor.	Total.
Miners	15	3	83	135	236
Machine runners	1	.....	20	46	67
Machine helpers	1	.....	6	11	18
Loaders	11	2	55	89	157
Shot firers	8	.....	5	.....	13
Shot runners	.....	.....	1	.....	1
Totals	36	5	170	281	492

INSIDE DAY LABORERS.

Drivers	4	.....	116	368	488
Motormen	1	.....	6	13	20
Trip riders	2	.....	8	16	26
Car couplers	.....	.....	7	13	20
Trappers	1	.....	4	5	10
Flagmen	.....	.....	.....	2	2
Cagers	.....	.....	17	31	48
Timbermen	2	.....	14	18	34
Jerrymen	4	.....	30	47	81
Pumpers	.....	.....	1	1	2
Roadmen and brattice men	2	.....	7	15	24
Totals	16	.....	210	529	755

OUTSIDE DAY LABORERS.

Engineers and firemen	.....	.....	2	8	10
Flat trimmers	.....	.....	2	8	10
Top hands	2	.....	7	25	34
Totals	2	.....	11	41	54

SUPERVISION WORK.

Mine boss			5	2	7
Fire boss	2		1	2	5
Room boss			1	6	7
Boss driver				4	4
Top boss				3	3
Totals	2		7	17	26

MISCELLANEOUS AND NONEMPLOYES.

Electricians			2	4	6
Surveyors	2			2	4
Sinker	1		1	1	3
Nonemployes				2	2
Totals	3		3	9	15
Grand total	59	5	401	877	1,342

TABLE

Showing the Number of Tons of Coal Mined, the Number of Persons Employed, the Number of Fatalities, the Number of Tons of Coal Produced per Each Fatality and the Number of Persons Killed per Thousand Employed Each Year from January 1, 1898.

Year.	Tons Produced.	Employes.	Fatalities.	Tons per Fatality.	Killed per 1,000 Employed.
1898	5,146,920	No report.	22	233,950	
1899	5,864,975	7,366	15	390,997	2.04—
1900	6,283,063	8,858	18	349,059	2.03+
1901	7,019,203	10,296	24	292,466	2.33+
1902	8,763,197	13,139	24	365,133	1.83—
1903	9,992,563	15,128	15	181,683	.99+
1904	9,872,404	17,838	34	290,304	1.91—
1905	10,995,972	17,856	47	233,956	2.63+
1906	11,422,027	19,562	31	368,450	1.60—
1907	13,250,715	19,009	53	250,013	2.79—
1908	11,997,304	19,092	45	266,606	2.36—
1909	13,692,089	18,908	50	273,841	2.64+
1910	18,125,244	21,171	51	355,397	2.41—
1911*	9,571,289	20,778	33	290,039	1.60—
1912	14,204,578	21,230	37	383,908	1.74+
1913	17,246,565	21,683	59	292,315	2.72+

*Only for the first nine months of the year 1911.

TABLE

Showing Production, Number of Employes; Fatal, Permanent, Serious and Minor Accidents by Counties for the Fiscal Year Ending September 30, 1913.

Counties.	Production.	Employes.	Fatal.	Permanent.	Serious.	Minor.	Killed per 1,000 Employed.	Tons of Coal Mined for Each Person Killed.
Vigo	4,476,945	5,295	7	1	81	231	1.32+	639,563+
Sullivan	3,238,642	4,732	21	.....	110	244	4.44—	154,221+
Greene	2,753,015	3,082	6	1	69	157	1.95+	458,836—
Vermillion	2,104,229	2,378	12	.....	42	49	5.05—	175,352+
Knox	1,664,619	1,461	3	.....	40	59	2.05+	554,873
Clay	628,389	1,336	2	2	11	26	1.49+	314,194+
Warrick	619,614	817	2	.....	11	17	2.45—	309,807
Pike	610,623	904	1	1	18	37	1.11—	610,623
Parke	546,236	766	1	.....	9	18	1.31—	546,236
Vanderburgh	288,058	410	.....	.....	3	23	.....	288,058
Gibson	219,552	277	3	.....	6	14	10.83+	73,184
Daviess	75,471	176	.....	.....	1	1	.....	75,471
Fountain	15,584	32	1	.....	.....	.....	31.25	15,584
Perry	5,588	17	.....	.....	.....	1	.....	5,588
Total	17,246,565	21,683	59	5	401	877	2.72+	292,315

TABLE

Showing Production, Number of Men Employed, and Number of Men Killed in and About the Coal Mines in the United States in the Calendar Years 1896 to 1912 Inclusive. (a)

Year.	Production. (Short Tons.) b.	Number Employed. b.	Production. (Short Tons.) c.	Number Employed. c.	Number Killed.			Production Per Death. (Short Tons.)
					Total.	Per 1,000 Employed.	Per 1,000,000 Short Tons Mined.	
1896	191,986,000	393,162	185,380,000	383,258	1,089	2.84	5.87	170,000
1897	200,229,000	397,701	193,298,000	385,846	975	2.53	5.04	198,000
1898	219,976,000	401,221	213,734,000	391,841	1,064	2.72	4.98	201,000
1899	253,741,000	410,635	244,838,000	396,624	1,216	3.07	4.97	201,000
1900	269,684,000	448,581	260,164,000	432,453	1,492	3.45	5.73	174,000
1901	293,300,000	485,544	288,723,000	476,655	1,549	3.25	5.37	186,000
1902	301,590,000	518,197	296,687,000	510,437	1,895	3.71	6.39	157,000
1903	357,356,000	566,260	345,200,000	547,431	1,752	3.20	5.08	197,000
1904	351,816,000	593,693	339,165,000	573,373	2,004	3.50	5.91	169,000
1905	392,723,000	626,035	386,379,000	615,628	2,232	3.63	5.78	173,000
1906	414,157,000	640,780	407,835,000	631,086	2,116	3.35	5.19	193,000
1907	480,363,000	680,492	461,406,000	655,418	3,197	4.88	6.93	144,000
1908	415,843,000	690,438	404,933,000	672,794	2,449	3.64	6.05	165,000
1909	460,815,000	666,555	460,761,000	666,523	2,668	4.00	5.79	173,000
1910	501,596,000	725,030	501,596,000	725,030	2,840	3.92	5.66	177,000
1911	496,221,000	728,348	496,221,000	728,348	2,719	3.73	5.48	183,000
1912	550,000,000	750,000	550,000,000	750,000	2,360	3.15	4.29	233,000

a. The figures for production and number of men employed are from "Mineral Resources of the United States," U. S. Geological Survey, except for the number of men employed in 1911, which were compiled by the Bureau of Mines.

b. These figures represent the total production and the total number of employes in the entire coal mining industry of the United States. The figures for 1912 are subject to slight revision.

c. These figures represent the production and the number of men employed in those States in which records of fatal accidents are in existence. The figures are directly comparable with the number of men killed as given in the fifth column and are those on which the mortality rates are based. It will be noted that the portion of the industry not represented in the rates from 1896 to 1909 is small and that since 1909 the entire industry is represented.

TABLE

Showing Number Killed in and About the Coal Mines of the Principal Coal Producing Countries, in Relation to the Production and to the Number Employed During the Year 1911.

COUNTRIES.	Production. (Short Tons.)	Number Employed.	Total.	Per 1,000 Employed.	Per 1,000,000 Short Tons Mined.	Production Per Death. (Short Tons.)
United States	496,000,000	728,348	2,719	3.73	5.48	183,000
Great Britain	304,503,000	1,049,897	1,232	1.17	4.05	247,000
Germany*	167,022,000	586,538	1,176	2.00	7.04	142,000
France	.....	.....	.....	.....	.....	.....
Belgium	25,412,000	144,054	165	1.15	6.49	154,000
Austria*	15,851,000	69,827	88	1.26	5.55	180,000
India	13,495,000	106,598	148	1.39	10.97	91,000
New South Wales	9,735,000	17,375	15	.86	1.54	649,000

*Figures are those for bituminous and anthracite mines; figures for lignite mines not shown.

INSPECTIONS, ETC.

Not including a number of instances in which special trips were made to investigate complaints made of local mines employing less than ten men, 731 inspections of the mines were made during the year, requiring from one to three days for each inspection; fifty-nine fatal accidents were investigated, requiring from two to three days, besides a large number of nonfatal accidents. Six examinations were held for mine boss, fire boss and hoisting engineer, requiring from four to five days in conducting the examination and grading the papers, and 145 prosecutions were filed, necessitating several days in court.

FATAL, PERMANENT AND SERIOUS ACCIDENTS.

The following summary tables exhibit the fatal, permanent and serious accidents, by counties:

TABLE

Summary, by Counties, of Fatal, Permanent and Serious Accidents for the Fiscal Year Ending September 30, 1913.

FATAL ACCIDENTS IN CLAY COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Cause of Accident.	Mine.	Remarks.	Nationality.
				Wife.	Children.	Other Dependents.				
Mar. 19	Harvey Funk	17	Miner	....	....	....	Falling slate	German No. 1	Died March 20, 1913	American.
June 28	Swan Ek	63	Miner	....	....	....	Explosion of powder	Plymouth No. 2	Died June 30, 1913	Swede.

Total number of fatal accidents, 2.

PERMANENT ACCIDENTS IN CLAY COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Nature of Injuries.	Cause of Accident.	Mine.	Nationality.
				Wife.	Children.	Other Dependents.				
Jan. 8	Hosea Fulkerson	30	Miner	1	2	....	Total loss of right eye	Pick point striking eye	Island Valley Mo. 4	American.
July 23	Ira Kemp	36	Miner	1	5	....	Fractured vertebra	Falling slate	Klondyke No. 3	American.

Total number of permanent accidents, 2.

SERIOUS ACCIDENTS IN CLAY COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Nature of Injuries.	Cause of Accident.	Mine.	Nationality.
				Wife.	Children.	Other Dependents.				
Oct. 22	Ira Burris	24	Driver	1	....	....	Crushed and bruised hip	Mine cars	Vivian No. 2	American.
Nov. 8	Oliver Barick	24	Machine runner	1	1	....	Cut on neck	Pick point	Island Valley No. 4	American.
Nov. 25	Pete Baruzeli	29	Miner	....	....	....	Burned face and hands	Explosion of powder	Collieries No. 1	Italian.
Nov. 23	Fred Bucholtz	29	Miner	1	3	....	Burned face and hands	Explosion of powder	Collieries No. 1	American.
Nov. 23	Earnest Bucholtz	22	Miner	....	....	1	Burned face and hands	Explosion of powder	Collieries No. 1	American.
Dec. 5	Rufus Stewart	32	Miner	....	....	....	Bruised shoulder and arms	Falling slate	Schrepferman No. 4.	American.
Dec. 27	Joseph Poland	37	Driver	1	....	....	Lacerated muscles in leg	Mine cars	Klondyke No. 3	American.
Dec. 27	David S. Puckett	25	Driver	....	....	....	Broken collar bone	Mine cars	Vivian No. 2	American.
Feb. 4	Hart Mishler	26	Driver	....	....	....	Fractured arm	Mine car and roof	Vivian No. 2	American.
Mar. 18	Ray Blair	25	Miner	....	....	....	Bruised leg and face	Falling coal and slate	German No. 1	American.
July 3	Earl DeCamp	18	Driver	....	....	....	Dislocated shoulder	Mine car and rib	Crawford No. 12	French.

Total number of serious accidents, 11.

SERIOUS ACCIDENTS IN DAVIESS COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Nature of Injuries.	Cause of Accident.	Mine.	Nationality.
				Wife.	Children.	Other Dependents.				
Oct. 18	Herbert Haag	62	Engineer	1	4	....	Scalp wound and bruises	Explosion of boiler	Mutual	German.

Total number of serious accidents, 1.

SUMMARY OF ACCIDENTS, 1913—Continued.

FATAL ACCIDENTS IN FOUNTAIN COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Cause of Accident.	Mine.	Remarks..	Nationality.
				Wife.	Children.	Other Dependents.				
Jan. 14	Wm. Chauncy Allen.....	33	Top laborer.....	1	1	....	Mine car.....	Indio.....	Died Jan. 14, 1913.....	American.

Total number of fatal accidents, 1.

FATAL ACCIDENTS IN GIBSON COUNTY.

Date.	Name	Age.	Occupation.	Dependents.			Cause of Accident.	Mine.	Remarks..	Nationality
				Wife.	Children.	Other Dependents.				
Feb. 7	Horace Dewees.....	38	Shot firer.....	1	....	....	Explosion of powder, powder gas, coal dust.....	Fort Branch.....	Died Feb. 7, 1913.....	American.
Feb. 7	J. W. Bush.....	40	Shot firer.....	1	2	....	Explosion of powder, powder gas, coal dust.....	Fort Branch.....	Died Feb. 7, 1913.....	American.
Feb. 27	John Boger.....	48	Miner.....	1	....	....	Falling slate.....	Princeton.....	Died March 23, 1913.....	American.

Total number of fatal accidents 3.

SERIOUS ACCIDENTS IN GIBSON COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Nature of Injuries.	Cause of Accident.	Mine.	Nationality.
				Wife.	Children.	Other Dependents.				
Oct. 12	Ivan Calvin	29	Machine helper	1			Mashed fingers	Mining machine	Princeton	American.
Jan. 17	Russell Hill	19	Driver				Bruised back and foot	Mine car	Princeton	American.
July 30	Calvin Barrett	29	Shot firer		1		Bruised and cut head	Falling slate	Princeton	American.
Aug. 11	James Jennings	39	Driver	1	3		Fractured skull	Mine mule	Princeton	American.
Sept. 4	Walter Osborn	23	Miner				Burned hands and body	Explosion of powder	Fort Branch	American.
Sept. 24	William Brook	20	Driver				Broken hand	Mine mule	Princeton	American.

Total number of serious accidents, 6.

FATAL ACCIDENTS IN GREENE COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Cause of Accident.	Mine.	Remarks.	Nationality.
				Wife.	Children.	Other Dependents.				
Jan. 9	Elmer Sexton	24	Loader	1	1		Falling slate	Lattas Creek	Died Jan. 9, 1913	American.
Jan. 14	Stanley Davis	21	Driver				Mine cars	Summit No. 2	Died Jan. 14, 1913	American.
Feb. 15	James Taylor	36	Driver	1			Falling rock	Green Valley	Died March 5, 1913	American.
April 15	William A. Mitchel	33	Loader				Falling rock	Green Valley	Died April 15, 1913	American.
June 11	John McAtte	50	Loader	1	5		Falling slate	Vandalia No. 9	Died June 11, 1913	American.
Sept. 12	J. P. Bushman	62	Miner				Falling rock	North West No. 1	Died Sept. 12, 1913	American.

Total number of fatal accidents, 6.

SUMMARY OF ACCIDENTS, 1913—Continued.

PERMANENT ACCIDENTS IN GREENE COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Nature of Injuries.	Cause of Accident.	Mine.	Nationality.
				Wife.	Children.	Other Dependents.				
Mar. 6	Walter Javins	28	Loader	1	2	....	Loss of sight of one eye	Piece of steel	Lattas Creek	American.

Total number of permanent accidents, 1.

SERIOUS ACCIDENTS IN GREENE COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Nature of Injuries.	Cause of Accident.	Mine.	Nationality.
				Wife.	Children	Other Dependents.				
Oct. 1	Clyde Bicknell	18	Driver	....	....	....	Crushed fingers	Mine car	Black Creek No. 2	American.
Oct. 1	Edward Brannen	26	Driver	....	....	....	Broken leg	Mine mule	Monon No. 7	American.
Oct. 3	Oscar Suthard	19	Trip rider	....	....	....	Mashed foot	Mine motor	Green Valley	American.
Oct. 10	Charles Britton	21	Driver	....	....	2	Broken ribs	Mine car	Twin No. 5	American.
Oct. 15	Thomas Reese	30	Brattice man	....	....	....	Bruised leg	Falling slate	Monon No. 7	Welch.
Oct. 23	Evan Bonham	34	Loader	1	1	....	Bruised back and hip	Falling slate	Monon No. 7	American.
Oct. 25	Virgil Woods	16	Driver	....	....	....	Mashed fingers, leg and hand	Mine car	Monon No. 7	American.
Oct. 29	Abe Crum	35	Machine man	1	....	....	Lacerated foot	Mining machine	Vandalia No. 9	American.
Oct. 31	Henry Craig	41	Loader	1	5	....	Broken rib and bruised back	Falling slate	Lattas Creek	American.
Nov. 2	Alfred Powell	44	Loader	....	....	....	Lacerated leg	Mine car	Monon No. 7	American.
Nov. 3	A. J. Miller	32	Mine boss	1	....	....	Amputated finger	Mine car	Vandalia No. 20	American.
Nov. 11	Matthew Bellany	16	Driver	....	....	....	Bruised and cut hips	Mine car	Vandalia No. 8	American.
Nov. 12	Leon Frazer	35	Miner	1	2	....	Mashed hand and crushed fingers	Mine car	Vandalia No. 21	American.
Nov. 13	J. L. Franklin	45	Loader	1	6	....	Broken ribs and cut face	Falling slate	Summit No. 2	American.
Nov. 14	Emanuel Gilman	22	Loader	....	....	....	Broken leg	Falling rock	Monon No. 7	American.
Nov. 16	Lew Weitzel	52	Machine runner	1	3	....	Crushed fingers	Mine car	Summit No. 2	American.

Nov. 22	Cecil Stevenson	17	Loader				Crushed foot	Falling coal	Vandalia No. 20	American.
Nov. 26	George Gill	33	Machine man	1	2		Broken jaw	Falling jack	Black Creek No. 2	American.
Nov. 26	Roscoe Davis	17	Loader				Bruised back and ankle	Falling slate	Summit No. 2	American.
Dec. 5	Amos Bafferd	26	Driver				Fractured thigh bone	Mine car	Vandalia No. 9	American.
Dec. 6	William Brent	30	Loader	1			Fractured right tibia	Falling coal	Lattas Creek	American.
Dec. 6	James Brown	26	Loader				Amputated finger	Mine car and sprag	Monon No. 7	American.
Dec. 10	John Ebler	27	Machine runner	1	1		Lacerated knee	Mining machine	Vandalia No. 9	American.
Dec. 17	Earnest Jarmon	23	Driver				Fractured arm and muscles torn	Mine mule	Summit No. 2	American.
Dec. 18	Benjamin Wright	23	Machine runner	1			Crushed leg	Falling coal and slate	Black Creek No. 2	American.
Dec. 26	Pete Stevenson	32	Timberman	1			Fractured rib	Mine car and roof	Queen No. 1	American.
Jan. 13	J. W. Funkhauser	64	Pick miner	1	2		Broken leg	Falling coal	Monon No. 7	American.
Jan. 13	James Woods	48	Miner	1			Broken leg	Falling slate	Monon No. 7	American.
Jan. 16	John Barney	25	Driver				Dislocated hip and injured back	Mine cars	Vandalia No. 8	American.
Jan. 22	Alex Grimes	59	Jerryman	1	3		Broken arm	Mine car door	Monon No. 7	American.
Jan. 23	D. Brown	28	Miner	1	1		Burned face and arms	Explosion of powder	Vandalia No. 20	American.
Jan. 23	Harve Critchlow	27	Driver	1			Bruised back and side	Mine car, mule and trap door	Queen No. 1	American.
Feb. 10	August Wendall	41	Laborer	1	2		Crushed hips	Mine car and motor	Vandalia No. 9	American.
Feb. 10	Felix Grims	28	Trip rider				Lacerated leg	Mine car	Monon No. 7	American.
Feb. 11	William Harris	39	Driver	1	3		Broken rib and bruised back	Falling slate	Monon No. 7	American.
Feb. 12	John McCallum	32	Jerryman	1	2		Broken leg and sprained back	Falling slate	Vandalia No. 9	American.
Feb. 15	Alex Andrews	47	Jerryman				Fractured leg	Falling slate	Green Valley	American.
Feb. 18	John Warner	49	Timberman	1			Scalp wound and strained back	Falling slate	Monon No. 7	German.
Feb. 18	Charles Heyburn	22	Timberman				Lacerated shoulder and strained back	Falling slate	Monon No. 7	Scotch.
Feb. 20	Ray Ax	21	Driver				Fractured leg and collar bone	Mine car and door frame	Green Valley	American.
Feb. 21	Robert Bonhart	24	Motorman				Bruised leg and lacerated ear	Mine motor and car	Monon No. 7	American.
Feb. 26	Felix Goldman	34	Loader	1			Fractured leg	Falling slate	Vandalia No. 9	American.
Mar. 10	Marion Goodman	29	Trip rider	1			Crushed chest	Mine car	Vandalia No. 20	American.
Mar. 12	Benjamin Rowe	56	Jerryman	1	3		Broken leg	Falling slate	Lattas Creek	American.
Mar. 12	Fleming Locke	25	Jerryman	1			Concussion of brain	Mine mule	Vandalia No. 9	American.
Mar. 15	E. J. Duncan	40	Miner	1	4		Amputated thumb	Mine car wheel and sprag	Vandalia No. 20	American.
Mar. 18	George Carlile	30	Machine man	1			Rupture and injured eye	Falling slate	Monon No. 7	American.
April 15	Noah Shonk	44	Loader	1	1		Broken leg and bruiaed shoulder	Falling slate	Black Creek No. 2	American.
April 18	Newton Kessinger	26	Driver	1	1		Amputated thumb	Mine car and prop	North West No. 1	American.
April 20	Charles White	25	Electrician				Lacerated muscles in leg	Mining machine	Lattas Creek	American.
April 22	Henry Wiggins	20	Empty puller				Broken and lacerated thumb	Mine car and sprag	Monon No. 7	American.
April 22	Charles Beale	27	Machine runner			4	Broken ribs	Fell	Black Creek No. 2	American.
May 5	Mike Kerousko	27	Driver	1	3		Bruised leg and ribs	Mine cars	Vandalia No. 9	Polish.
May 7	William Slever	32	Machine man	1	2		Sprained and bruised back	Falling rock	Green Valley	American.
May 15	George Easton	32	Driver	1	4		Bruised body	Mine car	North West No. 1	Scotch.
May 29	Matt Price	64	Miner	1			Dislocated and torn ligaments of ankle	Falling slate	Queen No. 1	American.
June 17	Melvin Harris	19	Driver				Fractured arm	Mine car	Antioch	American.
July 3	James Bell	33	Machine runner	1			Lacerated eye	Pick point	Green Valley	American.
July 9	John May	35	Machine runner	1	5		Broken foot	Mining machine	Vandalia No. 20	English.
July 17	Adolphus Letsinger	24	Driver	1			Bruised hips	Mine car and prop	North West No. 1	American.
July 22	Thomas Armstrong	22	Jerryman	1	1		Broken arm	Falling rock	Vandalia No. 9	American.
July 24	Charles Moss	31	Flat trimmer	1	1		Fractured rib	Mine car	Green Valley	American.
July 29	Robert Wetherman	17	Coupler				Fractured arm	Mine cars	Monon No. 7	American.

SUMMARY OF ACCIDENTS, 1913—Continued.

SERIOUS ACCIDENTS IN GREENE COUNTY—Continued.

Date.	Name.	Age.	Occupation.	Dependents.			Nature of Injuries.	Cause of Accident.	Mine.	Nationality.
				Wife.	Children.	Other Dependents.				
Aug. 11	A. McCammon	51	Car trimmer	1			Amputated finger	Lump of coal	Monon No. 7	American.
Aug. 20	Melville Pipes	42	Jerryman	1	1		Dislocated hip and bruises	Falling rock	Green Valley	American.
Aug. 30	Fred Hatcher	26	Driver	1			Dislocated hip	Mine car and mules	Queen No. 1	American.
Aug. 30	Ignatius Fongerousse	17	Miner				Bruised hip	Mine cars	Queen No. 1	American.
Sept. 2	Daniel Curry	31	Jerryman	1			Broken leg	Falling slate	Queen No. 1	Scotch.
Sept. 23	John May	36	Cager	1	1		Broken ribs and bruises	Thrown from cage into screens	North West No. 1	American.

Total serious accidents in Greene County, 69.

FATAL ACCIDENTS IN KNOX COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Cause of Accident.	Mine.	Remarks.	Nationality.
				Wife.	Children.	Other Dependents.				
Dec. 27	Frank Stewart	27	Surveyor				Explosion of gas	Tecumseh No. 2	Died Dec. 27, 1912	American.
Dec. 27	William Pryor	19	Assistant surveyor				Explosion of gas	Tecumseh No. 2	Died Dec. 27, 1912	American.
July 8	Edward Tolson	57	Timberman	1	3		Fall of slate	Wheatland	Died July 8, 1913	American.

Total number of fatal accidents, 3.

SERIOUS ACCIDENTS IN KNOX COUNTY.

Date.	Name.	Age.	Occupation.	Dependents. Wife.	Children.	Other Dependents.	Nature of Injuries	Cause of Accident.	Mine.	Nationality
Oct. 4	Albert Johnson	16	Trapper				Broken and mashed foot	Mine motor and cable	Indian Creek	American.
Oct. 5	William Cowden	25	Driver	1			Severe bruises	Mine car	Knox	American.
Oct. 18	Albert Taylor	34	Driver	1	3		Broken arm	Mine car	Tecumseh No. 1	American.
Oct. 19	Albert Colbert	40	Loader	1			Broken leg	Falling slate	Tecumseh No. 2	American.
Oct. 24	Fred Campbell	24	Loader				Dislocated shoulder	Falling coal	Tecumseh No. 2	American.
Nov. 6	John Nold	20	Loader				Bruised and cut head	Falling slate	Tecumseh No. 2	American.
Nov. 6	Marion Coe	53	Loader	1			Bruised back and hips	Falling coal	Tecumseh No. 2	American.
Nov. 8	Eli Vanneter	30	Loader	1			Broken arm	Mine mule	Tecumseh No. 2	American.
Nov. 11	George Reynolds	19	Jerryman				Dislocated hip and cut on head	Mine motor	Tecumseh No. 2	American.
Nov. 11	Frederick Hipshire	16	Loader				Dislocated ankle	Falling coal	Tecumseh No. 2	American.
Nov. 11	John Roberts	25	Driver				Dislocated shoulder	Mine car	Tecumseh No. 1	American.
Nov. 30	Arthur Tulford	24	Driver				Broken ribs	Mine car and cross bar	Knox	American.
Dec. 21	Moses Forrester	27	Miner	1			Bruised legs and cut on head	Mine cage	Knox	Scotch.
Jan. 13	Edward Pigg	36	Machine runner	1			Mashed finger	Hit by sledge hammer	Indian Creek	American.
Jan. 13	Charles Lentz	30	Loader	1			Broken collar bone and ribs	Mine cars	Indian Creek	American.
Jan. 13	Richard Jones	38	Loader	1	7		Broken leg	Falling coal	Tecumseh No. 1	Welsh.
Jan. 15	Joseph Thompson	21	Driver				Bruised hips and legs	Mine car	Wheatland	American.
Jan. 19	John Fitzpatrick	63	Top laborer	1			Broken leg	Falling through tramway	Knox	American.
Jan. 20	James Waugh	17	Trip rider				Mashed and broken fingers	Mine car	Indian Creek	Scotch.
Jan. 24	Finley Winningham	21	Driver				Finger cut off	Tail chain and cross tie	Tecumseh No. 1	American.
Jan. 27	Arnold Weivel	38	Driver			1	Crushed and bruised toes	Mine car	Wheatland	American.
Jan. 31	Elmer Powers	38	Machine runner				Lacerated foot	Mining machine	Knox	American.
Feb. 10	Samuel Mulheron	18	Coupler				Mashed fingers	Mine car	Indian Creek	Irish.
Feb. 15	Walter Vinson	25	Trip rider				Bruised leg	Motor and mine car	Indian Creek	American.
Feb. 21	A. M. Porter	45	Cager	1			Broken arm	Mine cars	Indian Creek	American.
Mar. 13	Grant Hooker	21	Loader				Bruised foot	Falling slate	Tecumseh No. 2	American.
Mar. 19	Angus Davidson	27	Loader				Broken leg	Falling coal	Tecumseh No. 2	Scotch.
April 8	Ray Johnson	22	Driver				Broken leg	Mine car	Indian Creek	American.
April 19	Willis Wells	21	Driver				Mashed and broken foot	Mine car	Bicknell	American.
April 21	John Powers	45	Miner	1	8		Crushed and sprained ankle	Falling coal	Indian Creek	American.
June 19	Andrew Mills	15	Greaser				Crushed foot	Mine cars	Tecumseh No. 1	American.
June 21	Clifford Hays	29	Driver	1			Cut and bruised hand	Mine car and sprag	Knox	American.
June 30	William Hodge	54	Miner	1			Bruised legs	Falling coal	Wheatland	American.
July 1	Frank Wesner	43	Miner	1	3		Broken foot	Falling rock	Bicknell	American.
Sept. 2	Scott Crane	27	Machine runner	1			Mashed foot	Machine truck	Indian Creek	American.
Sept. 3	F. McFadden	26	Cager				Cuts about head	Coal falling down shaft	Indian Creek	American.
Sept. 13	John Bennett	60	Loader	1	3		Broken leg	Falling coal	Tecumseh No. 2	American.
Sept. 18	John Greene	50	Loader	1	4		Broken foot	Falling coal	Tecumseh No. 1	American.
Sept. 22	James McCarty	33	Cager				Broken wrist	Mine cars	Indian Creek	American.
Sept. 22	Joseph Lumbrix	46	Miner	1			Bruised arm and cut on head	Falling coal	Knox	American

Total number of serious accidents, 49.

SUMMARY OF ACCIDENTS, 1913—Continued.

FATAL ACCIDENTS IN PARKE COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Cause of Accident.	Mine.	Remarks.	Nationality.
				Wife.	Children.	Other Dependents.				
May 22	John Johnston	52	Jerryman	1	3	....	Mine car and rib	Parke No. 12	Died May 22, 1913	American.

Total number of fatal accidents, 1.

SERIOUS ACCIDENTS IN PARKE COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Nature of Injuries.	Cause of Accident	Mine.	Nationality.
				Wife.	Children.	Other Dependents.				
Oct. 11	William Allen	40	Roadman	1	....	....	Bruised eye	Being struck in eye	Superior No. 6	Scotch.
Dec. 24	Harry Roe	23	Driver	1	....	....	Broken rib	Mine car and rib	Lyford No. 1	American.
Jan. 24	William Nersog	25	Machine helper	....	....	....	Bruised fingers	Mining machine	Parke No. 12	American.
Jan. 25	Joseph Moyer	40	Machine runner	....	....	....	Fractured and crushed fingers	Machine board and truck	Parke No. 12	American.
Jan. 25	John Colewan	16	Trapper	....	....	....	Fractured arm	Mine car and rib	Parke No. 12	Irish.
June 21	Orville Holton	17	Loader	....	....	....	Fractured arm	Mine car and roof	Lyford No. 1	American.
June 30	John Simpson	21	Driver	1	....	....	Bruised hip and leg	Mine car and mule	Lyford No. 1	American.
July 15	William McGinney	25	Loader	1	1	....	Bruised back and shoulder	Mine car	Superior No. 6	American.
Sept. 10	William Wilson	25	Timberman	....	....	....	Sprained back and hips	Falling slate	Lyford No. 1	American.

Total number of serious accidents, 9.

FATAL ACCIDENTS IN PIKE COUNTY

Date.	Name	Age.	Occupation.	Dependents.			Cause of Accident.	Mine.	Remarks.	Nationality.
				Wife.	Children.	Other Dependents.				
Aug. 26	Ruffus West	23	Miner	1	....	....	Falling slate	Peacock No. 2	Died Aug. 26, 1913	American.

Total number of fatal accidents, 1.

PERMANENT ACCIDENTS IN PIKE COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Nature of Injuries.	Cause of Accident.	Mine.	Nationality.
				Wife.	Children.	Other Dependents.				
Oct. 11	Finnis Crawford	35	Loader	1	....	....	Crushed arm necessitating amputation	Falling slate	Peacock No. 2	American.

Total number of permanent accidents, 1.

SUMMARY OF ACCIDENTS, 1913—Continued.

SERIOUS ACCIDENTS IN PIKE COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Nature of Injuries.	Cause of Accident.	Mine.	Nationality.
				Wife.	Children.	Other Dependents.				
Oct. 4	Otis McGallion	25	Loader	1	1	....	Bruised leg	Falling coal	Peacock No. 2	American.
Oct. 14	Ozro Crow	18	Miner	....	....	....	Fractured arm	Slipped and fell	Littles	American.
Nov. 12	Vird Hookes	25	Driver	1	....	....	Fractured collar bone	Mine car	Ayrshire No. 4	American.
Nov. 16	Ira Russ	49	Loader	1	5	....	Mashed arm and leg	Falling slate	Muren	American.
Nov. 19	Everett Luthrall	28	Cager	1	3	....	Bruised leg	Mine cars	Ayrshire No. 7	American.
Dec. 17	Jack Richardson	19	Driver	....	....	....	Broken arm	Mine car	Ayrshire No. 4	American.
Jan. 9	Emory Davis	20	Miner	....	....	....	Crushed hip	Falling slate	Ayrshire No. 4	American.
Jan. 25	James Stevens	28	Machine helper	1	....	....	Strained back and hips	Falling slate	Ayrshire No. 4	American.
Jan. 29	John Waller	45	Miner	....	....	....	Broken leg	Falling slate	Peacock No 2	American.
Feb. 11	Andrew Hedges	52	Miner	1	....	....	Bruised back	Falling slate	Ayrshire No. 4	American.
Feb. 17	Roy Reed	23	Miner	....	....	....	Bruised back	Falling slate	Ayrshire No. 4	American.
Mar. 5	Aaron Boline	30	Miner	1	3	....	Broken leg	Falling slate	Muren	American.
Mar. 22	E. J. Thurman	40	Miner	1	....	....	Fractured arm	Falling coal	Ayrshire No. 4	American.
Mar. 28	Walter Manuel	25	Miner	1	1	....	Cut on head and face	Falling slate	Ayrshire No. 7	Colored.
May 7	Daniel Nelson	48	Miner	1	....	....	Bruised ankle and shoulder	Falling coal	Ayrshire No. 4	American.
Aug. 20	Isaac Coe	50	Loader	1	6	....	Broken leg	Falling coal and slate	Muren	American.
Sept. 2	Frank Laswell	36	Loader	1	5	....	Bruised hip and ankle	Mine cars	Ayrshire No. 7	American.
Sept. 20	Walter Shleck	25	Motorman	....	....	....	Burned eyes	Exploding carbide	Ayrshire No. 7	American.

Total number of serious accidents, 18.

FATAL ACCIDENTS IN SULLIVAN COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Cause of Accident.	Mine.	Remarks.	Nationality.
				Wife.	Children.	Other Dependents.				
Oct. 16	William Azbell	38	Machine helper	1	3	....	Falling slate	Sunflower	Died Oct. 16, 1912	American
Nov. 2	C. H. Phillips	46	Miner	1	1	....	Explosion of powder	Keystone	Died Nov. 2, 1912	American.
Nov. 8	W. S. Baxter	39	Loader	1	2	....	Falling slate	Reliance	Died Nov. 8, 1912	Welsh.
Nov. 29	Frank Sims	23	Motorman	1	2	....	Mine car and motor	Vandalia No. 10	Died Nov. 29, 1912	American.

Dec. 4	Commodore Smith	65	Loader	1	1	....	Falling slate	Monon No. 5	Died Dec. 4, 1912	American.
Dec. 31	Charles Allen	30	Miner	1	2	....	Explosion of powder	Hamilton	Died Jan. 3, 1913	American.
Jan. 22	William Carpenter	63	Miner	1	2	....	Falling coal	Consolidated No. 33	Died Jan. 22, 1913	American.
Jan. 25	George Sloan	22	Jerryman	....	....	....	Falling slate	Reliance	Died Jan. 25, 1913	American.
Mar. 5	George Sargeant	53	Fire boss	....	....	2	Explosion of firedamp	Monon No. 3	Died March 19, 1913	Scotch.
Mar. 22	Robert Sellars	22	Driver	1	2	....	Explosion of firedamp	Vandalia No. 10	Died March 23, 1913	American.
Mar. 22	John Dawson	44	Fire boss	1	3	....	Explosion of firedamp	Vandalia No. 10	Died March 28, 1913	English.
Mar. 22	James Cross	20	Loader	....	....	....	Explosion of firedamp	Vandalia No. 10	Died April 4, 1913	American.
April 24	Thomas Anderson	32	Roadman	....	....	....	Falling slate	Monon No. 5	Died April 24, 1913	American.
June 18	Richard Lomas	33	Loader	1	2	....	Falling slate	Vandalia No. 10	Died June 23, 1913	English.
July 21	Henry Gadille	18	Miner	....	....	2	Explosion of powder	Hamilton	Died Aug. 21, 1913	French.
Aug. 1	J. J. Ralston	62	Bratticeman	1	3	....	Explosion of blown out shots, powder, powder gases, and coal dust	Jackson Hill No. 2	Died Aug. 3, 1913	American.
Aug. 1	William Keyser	35	Miner	1	3	....	Explosion of blown out shots, powder, powder gases, and coal dust	Jackson Hill No. 2	Died Aug. 7, 1913	American.
Aug. 1	William Lenard	36	Miner	1	5	....	Explosion of blown out shots, powder, powder gases, and coal dust	Jackson Hill No. 2	Died Aug. 7, 1913	American.
Aug. 1	Rush Badson	26	Miner	1	2	....	Explosion of blown out shots, powder, powder gases, and coal dust	Jackson Hill No. 2	Died Aug. 14, 1913	American.
Sept. 18	James Varner	61	Loader	1	2	....	Falling slate	Shirley Hill No. 3	Died Oct. 14, 1913	American.
Sept. 22	William Heaton	57	Loader	1	1	....	Falling slate	Sunflower	Died Sept. 22, 1913	English.

Total number of fatal accidents, 21.

PERMANENT ACCIDENTS IN SULLIVAN COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Nature of Injuries.	Cause of Accident.	Mine.	Nationality.
				Wife.	Children.	Other Dependents				
Jan. 7	John Czehovicz	23	Miner	....	....	....	Broken back	Falling slate	Monon No. 3	Polish.

Total number of permanent accidents, 1.

SUMMARY OF ACCIDENTS, 1913—Continued.

SERIOUS ACCIDENTS IN SULLIVAN COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Nature of Injuries.	Cause of Accident.	Mine.	Nationality.
				Wife.	Children.	Other Dependents.				
Oct. 2	Joseph Osby	35	Loader	1	1	....	Broken arm	Falling slate	Monon No. 4	American.
Oct. 3	Carl Cook	20	Driver	....	....	....	Broken ribs	Mine car and mule	Monon No. 4	American.
Oct. 8	Oscar Williams	20	Coupler	....	....	....	Crushed hips	Mine car and post	Monon No. 4	American.
Oct. 10	Ralph Sparks	20	Driver	....	....	....	Mashed finger	Mine car	Consolidated No. 30	American.
Oct. 14	Albert May	34	Miner	1	1	....	Fractured arm	Slipped and fell	Monon No. 15	American.
Oct. 14	John Isabell	41	Driver	....	....	....	Bruised leg	Mine car and mule	Monon No. 13	American.
Oct. 16	M. T. Rossiter	58	Timberman	1	....	....	Broken leg	Falling slate	Monon No. 3	American.
Oct. 17	Joe Lisko	19	Miner	....	....	....	Broken ribs and bruised leg	Falling slate	Keystone	Austrian.
Oct. 17	John Crisman	60	Loader	....	....	....	Broken leg	Falling slate	Monon No. 3	American.
Oct. 19	Charles Jones	43	Jerryman	1	8	....	Broken arm	Falling slate	Monon No. 15	American.
Oct. 19	Claude Alumbaugh	24	Loader	1	1	....	Broken arm	Falling slate	Monon No. 15	German.
Oct. 20	William Roark	25	Driver	1	....	....	Broken arm	Mine cross bar	Monon No. 3	American.
Oct. 21	Harry Huffman	21	Miner	....	....	....	Broken leg	Falling slate	Monon No. 14	German.
Oct. 21	James Meakin	30	Driver	....	....	....	Bruised leg and back	Mine mule	Monon No. 2	American.
Oct. 22	Phill Boase	22	Driver	1	....	....	Bruised generally	Mine car	Monon No. 2	American.
Jan. 18	Albert Williams	14	Trapper	....	....	....	Broken arm	Mine car and roof	Vandalia No. 10	American.
Jan. 20	Eph. Downs	22	Driver	1	1	....	Broken rib and crushed hips	Mine car and rib	Keystone	American.
Jan. 21	Elmer Kennit	31	Miner	1	3	....	Burned face and neck	Blown out shot	Jackson Hill No. 2	American.
Jan. 23	William Nash	35	Driver	1	....	....	Injured leg and ribs	Mine mule	Monon No. 4	American.
Jan. 27	David Brannon	35	Miner	1	3	....	Broken shoulder and finger	Falling coal	Consolidated No. 32	American.
Jan. 27	E. Muerer	22	Driver	....	....	....	Broken and bruised leg	Mine car	Monon No. 15	American.
Feb. 1	Wiley Alsbrooks	15	Trapper	....	....	....	Broken collar bone	Mine mule	Consolidated No. 32	American.
Feb. 5	Joseph Augustine	27	Shot runner	....	....	....	Burned face and hands	Explosion of firedamp	Hamilton	Italian.
Feb. 7	Charles Marshall	26	Driver	....	....	....	Mashed foot	Mine car	Consolidated No. 32	American.
Feb. 14	Alfred Peltire	25	Driver	....	....	....	Broken foot	Mine cars	Vandalia No. 10	American.
Feb. 14	Ralph Moore	24	Driver	....	....	....	Fractured collar bone	Mine mules	Vandalia No. 10	American.
Feb. 26	John Lynn	58	Jerryman	....	....	....	Fractured leg	Mine car and crossties	Monon No. 3	English.
Feb. 28	Cecil Roberts	15	Trapper	....	....	....	Fractured leg	Mine car	Monon No. 3	American.
Mar. 3	A. M. Morlan	58	Miner	1	1	....	Bruised back and burned face and arms	Exploding shot	Monon No. 3	English.
Mar. 6	Homer Engle	33	Cager	1	1	....	Bruised back, shoulder and hips	Mine cage and shaft timber	Consolidated No. 30	American.
Mar. 8	Patrick Reeves	17	Loader	....	....	....	Cut and bruised face	Falling slate	Reliance	American.
Mar. 12	R. W. Shake	21	Driver	....	....	....	Bruised ankle	Mine car	Monon No. 13	American.
Mar. 22	William Wilkes	49	Loader	1	5	....	Fractured leg and bruised arm	Explosion of firedamp	Vandalia No. 10	American.
Mar. 22	Levi Bridges	29	Loader	1	....	....	Bruised and cut head and arm	Explosion of firedamp	Vandalia No. 10	American.

Mar. 31	Frank Greenwood	19	Driver				Bruised arm	Mine mule	Monon No. 13	American.
April 24	E. G. Biggs	26	Driver				Bruised foot	Mine car	Monon No. 15	American.
May 3	William E. Bradshaw	33	Loader	1	3		Bruised head	Falling slate	Paxton No. 8	American.
May 6	J. E. Gilmour	42	Pumper				Bruised and burned face	Steam and water	Monon No. 13	American.
May 14	Joseph Syester	51	Miner	1	4		Broken leg	Falling rock	Consolidated No. 33	American.
May 16	Ray Harper	18	Driver				Broken nose	Mine mule	Monon No. 13	American.
May 27	Vint Duncan	21	Driver				Lacerated thigh	Mine mule	Vandalia No. 10	American.
May 27	Neal Weaver	36	Jerryman	1			Mashed foot and bruised hip	Falling slate	Monon No. 13	American.
June 6	Peter Wisnoskis	25	Miner	1	2		Bruised and cut hands	Falling slate	Keystone	Russian.
June 10	Clarence Visit	17	Greaser				Broken foot	Mine car	Vandalia No. 10	American.
June 14	Thomas Hope	45	Loader	1	5		Fractured bone in foot	Falling slate	Vandalia No. 10	English.
June 16	Robert Wiley	22	Driver				Fractured bone in foot	Mine car and prop	Vandalia No. 10	American.
June 18	M. C. Cox	55	Loader	1	1		Broken jaw	Mine mule	Vandalia No. 10	American.
June 21	George Morton	58	Loader	1	2		Strained back and bruised foot	Falling slate	Shirley Hill No. 3	American.
July 23	Dan James	45	Blacksmith	1			Gash on forehead	Falling rock from slate chute	Monon No. 2	English.
July 24	R. J. Prickett	50	Mine boss	1	2		Dislocated shoulder and bruised head	Falling rock	Paxton No. 8	American.
July 28	Tobe Sherron	32	Driver	1			Dislocated arm	Mine mule	Dering No. 14	American.
July 28	Jesse Pellens	38	Machine man	1	6		Broken ankle	Falling slate	Peerless No. 27	American.
July 28	D. H. Higgins	48	Bratticeman	1	3		Burned head and body	Explosion of firedamp	Peerless No. 27	American.
July 28	Theodore Thompson	39	Mine boss			1	Burned head and body	Explosion of firedamp	Peerless No. 27	American.
Aug. 1	Larkin Woodruff	36	Miner	1	5		Burned face, hands and arm	Explosion of blown out shots, powder, powder gases and coal dust	Jackson Hill No. 2	American.
Aug. 1	Joseph Burnaski	36	Miner	1	3		Burned face and arms	Explosion of blown out shots, powder, powder gases and coal dust	Jackson Hill No. 2	Lithuanian.
Oct. 22	Joseph Hutchison	35	Timberman	1	6		Broken ribs, bruised leg and foot	Falling slate	Monon No. 14	English.
Oct. 24	Oullie Knuckles	30	Driver	1	2		Lacerated foot	Switch point and mine mule	Monon No. 13	American.
Oct. 25	Jack Ashcraft	25	Top laborer				Lacerated thumb	Mine car	Monon No. 15	American.
Oct. 26	Samuel Wiggins	22	Driver			3	Dislocated hip	Mine mule	Jackson Hill No. 4	American.
Oct. 28	William Cochran	23	Driver	1			Bruised and lacerated hand	Mine car and prop	Monon No. 5	American.
Nov. 1	Michael Rooney	40	Timberman	1			Burned hands and body	Explosion of firedamp	Monon No. 3	Irish.
Nov. 1	Walter Romanski	35	Timberman	1	2		Burned hands and body	Explosion of firedamp	Monon No. 3	Hungarian.
Nov. 2	John Rutherford	28	Driver				Broken wrist	Mine cars	Vandalia No. 10	American.
Nov. 4	Jeff Cazell, Sr.	45	Loader	1			Broken leg	Falling coal	Sunflower	American.
Nov. 4	Chauncy Walters	24	Driver	1			Cut on head	Struck head against roof	Consolidated No. 25	American.
Nov. 6	Elisha Frye	53	Loader	1	4		Strained back	Falling slate	Consolidated No. 33	American.
Nov. 11	Robert Richards	49	Coupler	1	3		Fractured collar bone	Mine cars	Consolidated No. 30	American.
Nov. 11	Thomas Everhart	28	Jerryman	1			Bruised leg	Mine cars	Hamilton	American.
Nov. 12	Harry Engham	20	Driver				Bruised leg and hips	Mine cars	Consolidated No. 30	American.
Nov. 14	John Bridwell	41	Miner	1			Bruised back	Falling slate	Consolidated No. 32	American.
Nov. 15	Albert McCoskey	53	Miner				Mashed foot	Falling slate	Consolidated No. 32	American.
Nov. 16	Frank Cummings	48	Miner	1			Dislocated hip	Falling slate	Consolidated No. 33	American.
Nov. 20	David Patton	29	Driver	1	1		Bruised ankle	Falling slate	Monon No. 14	American.
Nov. 20	Clarence McCrocken	20	Loader				Bruised ankle	Mine motor and prop	Monon No. 2	American.
Nov. 20	Adolph Lague	19	Miner				Lacerated hand and bruised knee	Falling slate	Monon No. 14	American.
Nov. 21	Mike Paulp	41	Loader	1	5		Mashed foot	Falling slate	Consolidated No. 26	Hungarian.

SUMMARY OF ACCIDENTS, 1913—Continued.

SERIOUS ACCIDENTS IN SULLIVAN COUNTY—Continued.

Date.	Name.	Age.	Occupation.	Dependents. Wife	Dependents. Children	Dependents. Other Dependents	Nature of Injuries.	Cause of Accident.	Mine.	Nationality
Nov. 22	George Kirkpatrick	23	Driver				Broken leg and collar bone	Mine car	Monon No. 15	American.
Nov. 25	William Willis	47	Miner	1	4		Broken ribs and mashed and bruised body	Falling slate	Keystone	American.
Nov. 30	Peter Hardesty	27	Jerryman	1			Fractured arm	Falling slate	Monon No. 14	American.
Dec. 7	Oscar Wilson	25	Driver	1			Badly mashed thumb	Mine prop and rock	Monon No. 5	American.
Dec. 13	John Hupsey	48	Jerryman				Crushed and bruised face	Falling slate	Reliance	Hungarian.
Dec. 15	Earl L. Cramer	17	Top laborer				Fractured ribs	Mine car	Monon No. 15	American.
Dec. 15	J. R. Miller	68	Jerryman	1			Broken rib and bruised back	Falling slate	Reliance	American.
Dec. 30	Alfred Pitman	40	Machine man	1			Broken leg and bruised face	Falling slate	Consolidated No. 25	American.
Jan. 2	William Sands	27	Timberman	1	1		Bruised leg and mashed toe	Falling slate	Consolidated No. 30	American.
Jan. 2	Ben Howard	51	Cager				Mashed hand and fingers	Mine cars	Monon No. 14	American.
Jan. 9	George Walworth	25	Driver	1	1		Bruised body	Mine mule	Keystone	American.
Jan. 10	William Ritchie	34	Jerryman				Bruised back, head and leg	Falling slate	Consolidated No. 25	American.
Jan. 13	Willard Johnson	33	Top boss	1	1		Amputated thumb	Railroad car	Keystone	American.
Jan. 15	Charles Harmon	19	Driver				Amputated finger	Mine car and mule	Hamilton	American.
Jan. 17	Edward Mason	43	Bratticeman	1			Broken shoulder and ribs	Falling slate	Monon No. 2	American.
Jan. 17	Earnest Gilmour	23	Spragger				Bruised and mashed finger	Mine car and sprag	Monon No. 14	American.
Jan. 18	John Isabell	42	Driver				Fractured leg	Mine car	Monon No. 13	American.
Aug. 1	George Laning	25	Miner	1	2		Burned face and arms	Explosion of blown out shots, powder, powder gases and coal dust	Jackson Hill No. 2	American.
Aug. 1	Charles Shipley	33	Miner	1	1		Burned face and hands	Explosion of blown out shots, powder, powder gases and coal dust	Jackson Hill No. 2	American.
Aug. 1	John Gilman	41	Miner	1	2		Burned face, hands, arms and back	Explosion of blown out shots, powder, powder gases and coal dust	Jackson Hill No. 2	Lithuanian.
Aug. 1	Ezra Blevins	49	Miner	1			Burned face, hands and arms	Explosion of blown out shots, powder, powder gases and coal dus	Jackson Hill No. 2	American.
Aug. 1	George Jordan	33	Miner	1	1		Burned face, hands and srms	Explosion of blown out shots, powder, powder gases and coal dust	Jackson Hill No. 2	American.
Aug. 1	Jake Secrest	42	Miner	1	1		Burned face, hands and arms	Explosion of blown out shots, powder, powder gases and coal dust	Jackson Hill No. 2	American.
Aug. 1	Israel Blevins	52	Miner	1	1		Burned face and inhaled gases	Explosion of blown out shots, powder, powder gases and coal dust	Jackson Hill No. 2	American.

Aug. 1	Mike Brazo	43	Miner	1	1	....	Burned hands and arms	Explosion of blown out shots, powder, powder gases and coal dust	Jackson Hill No. 2	Hungarian.
Aug. 1	Charles May	25	Miner	1	2	....	Burned face and hands	Explosion of blown out shots, powder, powder gases and coal dust	Jackson Hill No. 2	American.
Aug. 1	Charles Dase	26	Miner	1	1	....	Burned face and hands	Explosion of blown out shots, powder, powder gases and coal dust	Jackson Hill No. 2	American.
Aug. 1	Dave Bryant	35	Miner	1	3	....	Burned face and arms	Explosion of blown out shots, powder, powder gases and coal dust	Jackson Hill No. 2	American.
Aug. 1	Fred Ring	26	Miner	1	1	....	Burned face and arms	Explosion of blown out shots, powder, powder gases and coal dust	Jackson Hill No. 2	American.
Aug. 1	John Pippes	28	Miner	1	1	....	Burned face and arms	Explosion of blown out shots, powder, powder gases and coal dust	Jackson Hill No. 2	American.
Aug. 20	John Cavack	24	Driver	....	....	....	Bruised finger	Mine mule	Vandalia No. 10	Polish.
Aug. 24	M. Rossiter	58	Timberman	1	....	....	Broken leg and bruised chest	Falling slate	Monon No. 3	American.
Aug. 28	Walter Dill	17	Load dropper	....	....	....	Lacerated hand and two fingers amputated	Mine car	Jackson Hill No. 2	American.

Total number of serious accidents in Sullivan, 110.

SERIOUS ACCIDENTS IN VANDERBURGH COUNTY.

Date.	Name.	Age.	Occupation.	Dependents			Nature of Injuries.	Cause of Accident.	Mine.	Nationality.
				Wife.	Children	Other Dependents				
Feb. 20	Thomas Page	33	Miner	1	....	....	Dislocated knee cap	Falling coal	Unity	American.
Mar. 31	Arthur Freels	35	Roadman	1	4	....	Broken leg	Mine mule	Diamond	American.
April 18	Wesley Bowen	25	Driver	....	....	....	Fractured wrist	Mine mule	Ingleside	Colored.

Total number of serious accidents, 3

SUMMARY OF ACCIDENTS, 1913—Continued.

FATAL ACCIDENTS IN VERMILLION COUNTY.

Date.	Name.	Age.	Occupation.	Dependents. Wife.	Children.	Other Dependents.	Cause of Accident.	Mine.	Remarks.	Nationality.
Oct. 17	Charles Kulevinska	28	Shot firer				Explosion of windy shots, powder, powder gases and coal dust	Oak Hill No. 1	Died Oct. 17, 1912	Russian.
Oct. 17	Tony Andrewkitis	21	Shot firer				Explosion of windy shots, powder, powder gases and coal dust	Oak Hill No. 1	Died Oct. 17, 1912	Russian.
Nov. 16	Frank Underhill	29	Shot firer				Explosion of windy shots, powder, powder gases and coal dust	Oak Hill No. 1	Died Nov. 16, 1912	American.
Nov. 16	Preston Robbins	27	Shot firer				Explosion of windy shots, powder, powder gases and coal dust	Oak Hill No. 1	Died Nov. 16, 1912	American.
Dec. 26	John Hughes	42	Miner	1			Falling slate	Dering No. 8	Died Dec. 28, 1912	Scotch.
Jan. 10	Peter Peacock	33	Machine runner	1	5		Falling slate	Universal No. 4	Died Jan. 10, 1913	Scotch.
Feb. 5	Ernest Cunningham	28	Jerryman	1			Mine cage	Oak Hill No. 2	Died Feb. 5, 1913	American.
Feb. 20	Peter Zimerie	27	Loader				Falling coal	Crown Hill No. 3	Died Feb. 10, 1913	Italian.
Mar. 13	John Matson	19	Trip rider				Mine car and motor	Dering No. 8	Died March 13, 1913	Finlander.
July 25	Lennard Wright	18	Top laborer				Falling down shaft	Crown Hill No. 6	Died July 25, 1913	American.
Aug. 4	Ben Reese	42	Jerryman	1	1		Falling slate	Universal No. 4	Died Sept. 6, 1913	American.
Sept. 19	Joseph G. James	25	Driver	1	1		Mine car	Universal No. 4	Died Sept. 19, 1913	American.

Total number of fatal accidents, 12.

SERIOUS ACCIDENTS IN VERMILLION COUNTY.

Date.	Name.	Age.	Occupation.	Dependents. Wife.	Children.	Other Dependents.	Nature of Injuries.	Cause of Accident.	Mine.	Nationality.
Oct. 1	Harry Hope	22	Driver				Mashed finger	Mine car	Dering No. 8	American.
Oct. 25	Neally Bogarz	44	Jerryman				Broken leg	Falling slate	Dering No. 8	Austrian.
Nov. 19	Frank McVey	28	Driver	1	3		Dislocated hip	Mine mule	Universal No. 5	American.
Nov. 22	Michael Selgalvis	29	Miner				Fractured leg	Falling rock	Universal No. 4	Lithuanian.

Nov. 26	J. Bartelio	28	Miner		1		Broken leg	Mine cars	Crown Hill No. 2	Slavish.
Dec. 13	Griffith Loudermilk	46	Miner	1	5		Burned face, hands and arm	Explosion of powder	Dering No. 8	American.
Dec. 14	George Chesterfield	62	Miner	1			Burned face and hands	Explosion of powder	Dering No. 8	Scotch.
Dec. 16	Andy Gyoker	25	Driver				Broken collar bone	Mine car and roof	Universal No. 4	Hungarian.
Jan. 9	Adolph Bolish	18	Trip rider				Broken leg and bruised shoulder	Mine cars and motor	Crown Hill No. 4	American.
Jan. 13	Gabriel Hunt	28	Driver				Mashed thumb	Mine car	Oak Hill No. 3	American.
Jan. 15	Frank Tuze	18	Trip rider				Broken leg	Mine motor	Crown Hill No. 4	American.
Jan. 17	Caesar Galliade	26	Driver				Broken collar bone	Mine car and roof	Universal No. 4	Italian.
Jan. 22	Peter Zorich	24	Empty puller				Mashed finger	Coal falling down shaft	Oak Hill No. 3	Austrian.
Jan. 27	Elmer Haggerman	22	Driver				Scalp wou d	Mine mule	Oak Hill No. 2	American.
Feb. 7	James Hinkle	24	Driver	1			Bruised foot	Mine car	Oak Hill No. 2	American.
Feb. 12	Matthew Bird	47	Machine helper	1	10		Mashed hand	Mining machine	Universal No. 4	American.
Feb. 18	Malcolm Ross	34	Loader	1	6		Face cut	Falling coal	Universal No. 4	Scotch.
Mar. 5	Dim Jones	39	Driver				Dislocated hip	Mine car	Universal No. 4	American.
Mar. 11	Nickolas Darliado	23	Load dropper				Crushed foot	Mine cars	Universal No. 4	Italian.
Mar. 22	W. M. J. Willis	38	Driver	1	4		Broken collar bone	Mine car	Oak Hill No. 3	Welsh.
April 7	Regonie Catterino	50	Miner	1	4		Broken leg	Falling slate	Crown Hill No. 3	Italian.
April 23	Joseph Cullen	59	Miner	1			Bruised eye	Flying coal	Universal No. 5	American.
May 2	John Gall	26	Driver	1			Fractured fibula	Mine cars	Shirkie and Bogle	Roumanian.
May 20	James Penman	27	Miner				Mashed foot	Falling rock	Universal No. 4	Scotch.
June 12	Anton Baleskie	27	Driver				Fractured ribs and bruises	Mine car and prop	Universal No. 5	American.
June 19	Louis Corni	26	Driver	1			Broken rib	Mine mule	Shirkie and Bogle	Polish.
July 11	Michael Lippes	34	Shot firer	1			Burns on body	Explosion of firedamp	Universal No. 4	Lithuanian.
July 17	George Johns	19	Driver				Bruised and cut leg	Mine cars	Universal No. 5	American.
July 22	John Crahen	39	Cager	1	1		Amputated finger	Mine cars	Universal No. 4	American.
July 30	Adolph Debarge	28	Jerryman	1	3		Sprained back and bruises	Falling rock	Universal No. 4	American.
Aug. 7	Arthur Cunningham	17	Driver				Broken leg	Mine cars	Dering No. 8	American.
Aug. 19	Henry Cook	65	Miner	1			Bruised arm	Falling slate	Universal No. 4	Russian.
Sept. 2	William Scott	33	Motorman	1	2		Cut and bruised head and face	Mine car and rib	Universal No. 4	Scotch.
Sept. 4	John Koma	38	Miner	1			Amputated finger	Falling slate	Universal No. 4	Austrian.
Sept. 4	Edward Gellar	31	Jerryman	1	2		Broken ribs	Falling slate	Universal No. 4	American.
Sept. 8	Charles Myres	27	Driver	1	2		Mashed finger and thumb	Mine cars	Oak Hill No. 2	American.
Sept. 9	Louis Passenor	40	Machine helper				Bruised hips	Mine cars	Crown Hill No. 3	French.
Sept. 9	Joseph Voyles	38	Cager	1			Bruised hips	Mine cars	Crown Hill No. 3	American.
Sept. 9	James Jones	30	Loader	1	2		Broken leg	Mine cars	Crown Hill No. 3	American.
Sept. 17	William Russell	23	Motorman				Fractured ribs	Mine motor	Universal No. 4	American.
Sept. 18	Saven Etti	50	Miner	1			Burns	Shot exploding while bieng tamped	Dering No. 8	Italian.
Sept. 18	John Danzero	42	Miner	1			Burns	Shot exploding while being tamped	Dering No. 8	Italian.

Total number of serious accidents, 42.

SUMMARY OF ACCIDENTS, 1913—Continued.

FATAL ACCIDENTS IN VIGO COUNTY.

Date.	Name.	Age.	Occupation.	Dependents. Wife.	Children.	Other Dependents.	Cause of Accident.	Mine.	Remarks.	Nationality.
Oct. 15	Simon Voisey	63	Miner	1	4	....	Falling slate	Plymouth No. 1	Died Oct. 15, 1912	American.
Oct. 16	Ellis Hanson	26	Shot firer	1	2	....	Explosion of windy shots	Pine Ridge	Died Oct. 16, 1912	American.
Jan. 30	Lon Cronk	33	Sinker	1	3	....	Sinking bucket and contents falling down shaft	Pittsburg No. 1	Died Feb. 1, 1913	American.
Jan. 31	Alfred York	36	Shot firer	1	4	....	Shot blowing through pillar	Clay County No. 1	Died Jan. 31, 1913	American.
July 5	Fred Walton, Jr.	14	Trapper	....	....	....	Mine car	Wabash	Died July 5, 1913	American.
July 23	Evans Morris	27	Trip rider	....	....	2	Electrocuted	Deep Vein No. 4	Died July 23, 1913	Welsh.
Aug. 9	Otis Sullivan	29	Miner	....	....	2	Falling coal	Pittsburg No. 2	Died Aug. 9, 1913	American.

Total number of fatal accidents, 7.

SERIOUS ACCIDENTS IN VIGO COUNTY.

Date.	Name.	Age.	Occupation.	Dependents. Wife.	Children.	Other Dependents.	Nature of Injuries.	Cause of Accident.	Mine.	Nationality.
Oct. 8	Do Funkhouser	22	Jerryman	....	....	5	Amputated finger	Mine cross-bar	Mary No. 2	American.
Oct. 25	Hiram Ramey	24	Motorman	....	....	....	Broken hand	Mine car and motor	Deep Vein No. 4	American.
Oct. 26	John Pilant	42	Timberman	1	....	....	Torn ligaments in arm	Falling slate	Miami No. 5	American.
Nov. 1	John Friend	54	Jerryman	1	1	....	Bruised back and leg	Falling rock	Glen Ayr No. 1	American.
Nov. 1	Pearl Gibson	26	Driver	....	....	....	Fractured ribs and bruised shoulder	Mine car	Speedwell No. 2	American.
Nov. 6	O. Lesley	27	Coupler	....	....	....	Broken collar bone	Mine car	Vandalia No. 69	American.
Nov. 7	John Treager	22	Cager	....	....	....	Bruised and cut arm	Mine car	Glen Ayr No. 2	American.
Nov. 7	Charles Diehl	30	Driver	....	3	....	Bruised hip and back	Mine car	Minshall	American.
Nov. 18	Walter Dowell	19	Driver	....	....	....	Mashed hand	Falling slate	Plymouth No. 1	American.

Nov. 19	Clem Jones	40	Miner	1	3		Broken collar bone and ribs	Mine car	Vandalia No. 67	American.
Nov. 21	Louis Toney	45	Miner				Bruised back	Falling slate	Pittsburg No. 1	Italian.
Nov. 27	Earnest Barnes	29	Miner	1			Broken leg	Falling slate	Pittsburg No. 1	American.
Dec. 2	William Fogg	26	Driver	1	2		Broken ribs	Mine mule	Miami No. 8	American.
Dec. 3	John Ankers	22	Machine runner	1	1		Broken and bruised foot	Mining machine	Glen Ayr No. 1	American.
Dec. 3	J. G. Loudermilk	46	Miner	1	5		Burned	Explosion of powder	Miami No. 8	American.
Dec. 30	John Wolf	27	Miner	1	2		Broken rib and bruised arm	Falling slate	Ray No. 2	Russian.
Jan. 1	Walter Jackson	31	Jerryman	1	2		Bruised back	Falling slate	Miami No. 4	American.
Jan. 3	Albert Palmer	30	Top laborer	1	2		Broken rib	Mine car	Vandalia No. 69	American.
Jan. 7	David Walton	32	Jerryman	1	3		Bruised hip	Falling slate	Mary No. 2	American.
Jan. 9	Walter Ellis	26	Machine helper	1	2		Broken leg	Falling coal	Glen Ayr No. 2	American.
Jan. 20	James Dalton	36	Loader				Sprained back and hip	Descending cage	Wabash	American.
Jan. 20	A. E. Galley	49	Loader	1	9		Internal injuries	Descending cage	Wabash	American.
Jan. 25	Albert Swalls	20	Motorman				Amputated finger	Mine motor	Glen Ayr No. 1	American.
Jan. 25	W. O. Lawson	22	Driver	1			End of fingers cut off	Mine cars	Pittsburg No. 1	American.
Jan. 27	Ray Wilks	24	Driver	1			Bruised shoulder	Mine car and roof	National	American.
Jan. 30	Vern Bennett	21	Driver			1	Internal injuries	Mine car	Miami No. 8	American.
Jan. 30	Peter Jaquirt	40	Sinker				Bruised hips	Falling sinking bucket and contents	Pittsburg No. 1	American.
Feb. 5	George Greeke	24	Driver				Amputated finger	Mine mule and car	Lower Vein No. 1	American.
Feb. 11	John E. Swain	43	Timberman	1	4		Bruised body and head cut	Falling slate	Mary No. 2	American.
Feb. 14	Oscar Gasaway	24	Driver	1	1		Broken collar bone	Mine car	Miami No. 8	American.
Feb. 15	Cecil Craig	28	Driver	1	1		Broken leg and dislocated hip	Falling slate	Wabash	American.
Feb. 20	Len Philhibum	24	Driver	1			Fractured shoulder	Mine car	Speedwell No. 2	American.
Feb. 22	Elsa Gore	21	Timberman	1			Strained back and hips	Falling slate	Pittsburg No. 1	American.
Mar. 3	John Thomas	33	Driver	1			Broken leg	Mine car and mule	Wabash	American.
Mar. 7	Albert Hutson	27	Miner	1			Amputated finger	Falling coal	Glen Ayr No. 1	American.
Mar. 10	James Morris	42	Fire boss	1			Burned face, neck and arms	Explosion of firedamp	Clay County No. 1	American.
Mar. 12	John Acree	51	Miner	1			Bruised ankle and shoulder	Falling slate	Miami No. 5	American.
Mar. 18	George Wabish	35	Loader	1	2		Cut and bruised about eyes	Exploding shot	Shirkie No. 2	Slavish.
Mar. 19	William Wheeler	32	Miner				Bruises and burns	Exploding shot	Miami No. 8	Scotch.
Mar. 21	Samuel Barcus	19	Driver			2	Bruised body	Mine car and rib	Miami No. 8	American.
Mar. 22	Jesse Hamilton	39	Mine boss		2	2	Broken foot	Falling slate	Jackson Hill No. 5	American.
Mar. 31	George Creegan, Jr	24	Driver				Broken arm	Mine car and rib	Glen Ayr No. 1	English.
April 10	Frank Worstun	29	Driver				Broken toes and bruised foot	Mine car	Speedwell No. 2	American.
April 21	C. Deal	53	Miner	1	10		Injured arm, side and hand	Falling slate	Vandalia No. 69	American.
April 22	Peter Pelick	28	Loader	1			Bruised shoulder	Falling slate	Shirkie No. 2	Austrian.
April 22	Fred Foxworthy	19	Loader				Bruised hand	Mine car door	Glen Ayr No. 1	American.
April 26	Samuel Hall	56	Timberman				Broken leg	Falling slate	Speedwell No. 2	English.
April 26	Louis Lee	40	Miner				Broken leg	Falling coal	Deep Vein No. 4	American.
April 26	William McKilley	21	Loader				Bruised shoulder and foot	Falling slate	Wabash	Scotch.
April 28	Charles Erwin	24	Driver				Broken ribs and bruised chest	Mine car and roof	Wizard No. 2	American.
April 29	John Hunt	22	Driver				Amputated finger	Mine car door	Glen Ayr No. 1	American.
May 13	George Beardsley	24	Driver	1			Bruised arm	Mine cars	Riverside	American.
May 13	D. Waugh	40	Miner	1			Bruised and sprained back	Falling slate	Vandalia No. 69	American.
May 26	Richard Pickerel	24	Driver	1			Fractured leg	Mine car	Pine Ridge	American.
June 3	William Robson	24	Trip rider	1			Two fingers amputated	Mine car	Deep Vein No. 4	American.
June 3	Olden Shirley	25	Driver				Bruised hip and legs	Mine cars	Riverside	American.
June 7	James Morris	36	Jerryman	1	1		Bruised body and hips	Falling slate	Clay County No. 1	American.
June 11	Pearl King	25	Driver	1			Bruised body	Mine car	Shirkie No. 1	American.

SUMMARY OF ACCIDENTS, 1913—Continued.

SERIOUS ACCIDENTS IN VIGO COUNTY—Continued.

Date.	Name.	Age.	Occupatio	Dependents.			Nature of Injuries.	Cause of Accident.	Mine.	Natiorality.
				Wife.	Children.	Other Dependents.				
June 12	John Cronk	28	Driver				Dislocated shoulder	Mine car	Domestic Block No. 1	Colored.
June 18	L. Bowers	26	Driver	1	1		Amputated finger	Mine car and sprag	Vandalia No. 69	American.
June 21	John Waugh	25	Driver				Broken arm and dislocated shoulder	Mine car	Miami No. 8	American.
June 23	William Abernathy	44	Fireman	1			Burned arm and thigh	Hot water	Glen Ayr No. 1	American.
June 24	Corriggiosi Mentora	26	Miner				Bruised hand	Falling slate	Mary No. 2	Italian.
June 30	Silas Montgomery	45	Driver	1			Amputated finger	Mine car	Pine Ridge	American.
July 9	Frank Jackson	43	Loader	1			Mashed and bruised foot	Falling coal	Wabash	American.
July 12	Michael Plaucher, Sr	56	Loader	1	5		Bruised foot	Falling slate	Mary No. 2	Austrian.
July 16	Joseph Miller	39	Top laborer		2		Broken arm	Fell from railroad car	Jackson Hill No. 5	American.
July 18	John Marshall	41	Miner	1	1		Fractured rib and sprained ankle	Falling slate	Miami No. 8	Scotch
July 23	Raymond Oliver	27	Machine runner	1	3		Lacerated arm	Mining machine	Mary No. 2	Italian.
July 28	John Koval	35	Machine runner	1	5		Burned right hand	Electric current	Mary No. 2	Austrian.
July 31	George Robert	50	Blacksmith	1	2		Broken arm and bruises	Falling from scaffold	Clay County No. 1	English.
Aug. 19	Jesse Coleman	21	Electrician				Burned hands, arm and face	Explosion of firedamp	Maple Grove	American.
Aug. 19	Gasto Cristo	50	Miner				Burned hands and head	Explosion of gas	Wizard No. 2	Italian.
Sept. 3	Isaac Lesley	29	Shot firer				Burned hands and neck	Explosion of firedamp	Wabash	American.
Sept. 3	Emory V. Benjamin	39	Mine boss	1	2		Fractured arm	Mine cars	Vandalia No. 67	American.
Sept. 5	Benjamin Burton	42	Miner	1	9		Bruised back and arm	Falling slate	Miami No. 8	English.
Sept. 5	George Nesbit	48	Jerryman	1	5		Bruised and injured knee	Falling slate	Maple Grove	Scotch.
Sept. 6	George Connor	36	Driver	1	3		Bruised head	Mine cars	Clay County No. 1	American.
Sept. 13	Sylvanus Leforge	19	Loader				Broken ankle	Falling slate	Speedwell No. 2	American.
Sept. 20	George Evans	48	Room boss	1			Broken foot	Falling slate	Jackson Hill No. 5	Welsh.
Sept. 29	John Smedler	50	Miner	1	1		Broken ribs	Falling slate	Minshall	American.

Total number of serious accidents, 81.

FATAL ACCIDENTS IN WARRICK COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Cause of Accident.	Mine.	Remarks.	Nationality.
				Wife.	Children.	Other Dependents.				
April 25	Elmer Walker	32	Loader	1	3	....	Falling coal	Big Four No. 2	Died April 26, 1913	American.
Sept. 5	John Ryan	23	Timberman	....	....	....	Falling slate	Epworth	Died Sept. 5, 1913	American.

Total number of fatal accidents, 2.

SERIOUS ACCIDENTS IN WARRICK COUNTY.

Date.	Name.	Age.	Occupation.	Dependents.			Nature of Injuries.	Cause of Accident.	Mine.	Nationality.
				Wife.	Children.	Other Dependents.				
Nov. 8	Charles Becker	52	Loader	1	4	....	Mashed foot and bruised leg	Falling coal	John Bull	German.
Dec. 12	Elmer Laswell	29	Driver	1	4	....	Mashed foot and ankle	Machine truck	John Bull	American.
Dec. 13	Ruffus McGillen	31	Driver	1	1	....	Broken arm and bruised hand	Mine car and mule	Elberfeld	American.
Dec. 17	H. E. Webb	33	Machine runner	....	....	....	Broken hand	Mining machine	John Bull	American.
Dec. 21	George Vannoy	50	Miner	1	....	....	Bruised shoulder and side	Falling slate	Caledonia	American.
Jan. 3	Fred Wiche	45	Jerry man	....	....	....	Broken rib	Falling timber	Epworth	American.
Feb. 5	James Ganley	24	Driver	1	....	....	Mashed ankle	Mine car	John Bull	American.
Feb. 21	George Henry	52	Loader	1	4	....	Mashed foot and ankle	Falling coal	Polk Patch No. 7	American.
Mar. 8	Shelby Ashley	35	Coupler	....	....	....	Broken leg	Mine cars	Big Four 2-3	American.
Aug. 22	Green Reed	22	Driver	....	....	....	Broken and cut ankle	Mine car	Korff	American.
Sept. 27	William Pursell	17	Coupler	....	....	....	Mashed foot	Mine cars	Big Four 2-3	American.

Total number of serious accidents, 11.

RECOMMENDED LEGISLATION.

In the matter of future mine legislation, we recommend the enactment of the following laws and amendments:

COAL MINING—MAPS OF MINES—REFUSAL—INSPECTOR.

Amending Section 1, act of 1911, lengthening the time of extending and filing mine maps from the first day of May to the first day of November, and requiring a copy of the map to be kept at the mine. And providing further that every owner, operator or lessee of a mine shall have marked conspicuously on all mine maps any and all gas, oil or other drill holes that extend below the strata of coal in which the mine is being operated.

Also making it a misdemeanor punishable by a fine of $50.00 for any mine operator, mine superintendent, mine boss, or other person in charge of any coal mine who fails to comply with this section.

USE OF EXPLOSIVES.

Amending Section 2, Acts of 1908, Special Session of the Legislature, relative to shots, preparation and use of explosives, and drill size.

Making it unlawful for a miner or any other person to recharge a drill hole that has once been charged and fired, and providing that not more than six pounds of powder shall be taken into the mine for one day's work of a miner, nor more than two pounds of high explosives. And that every person who has explosives in a mine shall keep the same in a wooden or metallic box with hinged lid securely locked, and said box shall be kept as far from the tracks as practicable. All powder boxes shall be kept in a secluded place as far from each other as practicable. No black powder or high explosives or detonating caps shall be permitted to be kept in the same box with powder.

HAULAGE ROADS—ELECTRICITY.

All electric wires must be placed on the opposite side of the traveling way or refuge holes; all coal cutting wires must be insulated; not more than 250 volts shall be used in any mine. In installing electric wires down shafts, they must be properly insulated or carried down in pipes. On trolley lines, no bonding be allowed to be done on any water or air pipes. All trolley wires shall be protected on shaft partings and haulage partings and at mouth of entries. Electric lights must be placed showing the trolley wires at shaft bottoms on all haulage partings and at the mouth

of entries, and along passageways from main entry to escape shaft. Insulators for cutting wires shall not be attached to props. Insulators shall be set on ends of plugs set in coal rib. Trolley wires shall be six inches outside of rail on opposite side of traveling way or refuge holes: Provided, further, That no keg or kegs, cans or packages containing powder or other explosives shall be placed in any mine car or other vehicle that is being hauled or is to be hauled by electric power.

MANAGEMENT OF ENGINES AND CAGES.

Amending Section 10, Acts of 1905, relating to the management of engines and cages.

Providing that when persons are being lowered into or hoisted out the mine, the engineer shall not speed the cage faster than 500 feet per minute.

VENTILATION—MINE BOSS—CURRENTS OF AIR—AIRWAYS.

Amending Section 11, Acts of 1905, relating to ventilation, mine boss, currents of air and airways.

Providing that the operator or mine superintendent of every mine shall provide and maintain ample means of ventilation to furnish a constant and adequate supply of pure air for the employes. In a non-gaseous mine, the minimum quantity of air shall not be less than one hundred fifty feet per minute for each person employed. In a mine wherein explosive gas is being generated in such quantities that it can be detected by an approved safety lamp, the minimum quantity of air shall not be less than two hundred cubic feet per minute for each person employed therein, and as much more as the circumstances require.

Also providing, it shall be the duty of the fire boss to examine carefully, before each shift enters the mine, every working place, without exception, all places adjacent to live workings, every roadway, and every unfenced road to abandoned workings and falls in the mine; but before proceeding with the examination, he shall see that the air current is traveling in its proper course. In making the examination he shall use no light other than that enclosed in an approved safety lamp. The examination shall begin three hours prior to the appointed time for each shift to enter the mine. The fire boss shall examine for all dangers in all portions of the mine under his charge, and after each examination he shall leave, at the face and side of every place examined, the date of the examination, as evidence that he has performed his duty. He shall also examine the entrance or entrances to all worked-out and

abandoned portions adjacent to the roadways and working places under his charge, where explosive gas is likely to accumulate, and he shall place a danger signal across the entrance to every working place and every other place where explosive gas is discovered, or where immediate danger is found to exist from any other cause, and said signal shall be sufficient warning for persons not to enter. If there be a dangerous quantity of gas found, the words "Gas, Keep Out," shall be posted.

Making it a misdemeanor, punishable by imprisonment, for any mine boss, superintendent or other person in charge of a mine requiring the services of a fire boss, to order or permit miners or other workmen to enter such mine or to enter working places that may be reasonably expected to contain fire damp, previous to an examination and report from the fire boss.

Also fixing the same punishment for miners or other employes who shall knowingly enter a mine previous to its having been examined and reported on by the fire boss, or shall enter a working place, passing a notice "Gas, Keep Out," posted by the fire boss.

Providing, further, that each and every fire boss shall be required to make a daily record of his examination in a book kept for that purpose. Such record shall show the date of examination, the hour he commenced the examination and the hour the examination was completed; the number of each entry and the number of working places on each entry examined; the places found to contain gas, giving the exact location of each working place and the quantity of gas found, such record to be signed by the fire boss and kept in charge of the weigh boss, and to be open at all times for the inspection of the mine superintendent, mine boss, miners and inspector of mines.

EXAMINATION BY MINE BOSS—DUTIES—ACCIDENTS.

Amending Section 12, Acts of 1905, relating to examination by mine boss, duties and accidents.

Provided that any mine boss or other person in charge of the underground workings of a mine, who, knowing a working place to be in a dangerous condition at or near the working face by reason of loose slate or rock, accumulations of fire damp or other dangerous conditions, shall order or permit a miner or other employe to enter such place except for the purpose of making it safe, or shall knowingly permit a miner or other employe to continue working in an unsafe place, except for the purpose of making it safe, shall be deemed guilty of a misdemeanor punishable by fine.

Also providing, that any miner or other employe whose duties are to timber and care for his working place, when having had a sufficient number of props, cap pieces and other timbers of proper lengths furnished him, and shall wilfully neglect or fail to set such props or other timbers as are necessary to properly secure his working place, or shall continue working in an unsafe place, having sufficient suitable timbers on hand to make it safe, and shall neglect to do so, he or they shall be guilty of a misdemeanor punishable by fine.

Provided further, it shall be the duty of the mine boss to see that at all times the last breakthrough between the rooms or entries shall be kept clean of powder boxes, kegs, timbers, slate or other debris.

FIRE PROTECTION.

A statute requiring all wooden frame coal tipples, engine and boiler rooms, or other mine buildings in close proximity to a shaft opening to be equipped with water lines, taps and fire hose, and that the water line or lines shall be attached to a pump of adequate size and line kept under constant water pressure during working hours.

SHIELDS ON CUTTING MACHINES.

A statute requiring all bit chain coal-cutting machines not of the continuous cutting type to be equipped along each side of the bed frame of the machine with an adjustable shield or cover protecting persons from coming in contact with the coal-cutting bits when the chain is in motion, and making it a misdemeanor punishable by fine for any mine owner, operator, mine boss, superintendent or other person in charge of the underground workings of a coal mine, to place in any coal mine for the purpose of undercutting coal, a machine of the bit chain type that has not been equipped as above described.

Also making it a misdemeanor punishable by fine for any machine runner, helper or other person to undercut coal or attempt to undercut coal with a machine of this type without the shield or cover being in position to protect persons from the coal-cutting belts when the chain is in motion.

CAGES—SAFETY CATCHES—RIDING ON CAGES.

Amending Section four of Acts of 1905, relating to cages:

Providing that the sides of all cages shall be equipped with $\frac{1}{4}$ inch steel plate or sheet iron at least $3\frac{1}{2}$ feet high to protect persons from the sides of the shaft when being hoisted or lowered in the mine.

Amending Section 19, Acts of 1905, relating to illuminating oils.

Making it unlawful for any person, firm or corporation to compound, sell or offer for sale for illuminating purposes in any coal mine, any oil other than oil composed of not less than eighty-four per cent. of pure animal or vegetable oil, or both, and not more than sixteen per cent. of pure mineral oil. The gravity of such animal or vegetable oil shall not be less than twenty-one and one-half, and not more than twenty-two and one half degrees, Baume scale, measured by Tagliabue or other standard hydrometer, at a temperature of sixty degrees Fahrenheit; the gravity of such mineral oil shall not be less than thirty-four, and not more than thirty-six degrees Baume scale, measured by Tagliabue or other standard hydrometer, at a temperature of sixty degrees Fahrenheit and the gravity of the mixture shall not exceed twenty-four degrees Baume scale, measured by Tagliabue or other standard hydrometer at a temperature of sixty degrees Fahrenheit.

Each person, firm or corporation compounding oil for illuminating purposes in a coal mine, or mines, shall before shipment thereof is made, securely brand, stencil or paste upon the head of each barrel or package, a label, which shall have plainly printed, marked or written thereon, the name and address of the person, firm or corporation, having purchased the same, the date of shipment, the percentage and the gravity in degrees Baume scale, at a temperature of sixty degrees Fahrenheit, of each of the component parts of animal, vegetable and mineral oil contained in the mixture, and the gravity in degrees Baume scale at a temperature of sixty degrees Fahrenheit of the mixture.

Each label shall have printed thereon, over the facsimile signature of the person, firm or corporation having compounded the oil, the following: "This package contains oil for illuminating purposes in coal mines in the State of Indiana, and the composition thereof as shown hereon is correct."

Each person, firm or corporation manufacturing paraffine wax for illuminating purposes in a coal mine, or mines or any other mine, shall, before shipment thereof is made, securely brand, stencil, or paste upon the head of each barrel, box, or case containing small packages, the name and address of the person, firm or corporation manufacturing paraffine wax therein contained; the name and address of the person, firm or corporation having purchased the same, and the date of shipment. And each individual package contained within each barrel, box or case, shall have

plainly printed thereon the name of product, the name and address of the manufacturer thereof, together with the melting point, fire test, and the percentage of oil and moisture of the paraffine wax therein contained.

But nothing herein contained shall prohibit the manufacture, sale or use for illuminating purposes in mines in this State, of paraffine wax with melting point at from one hundred five to one hundred twenty-four degrees of heat and minimum fire test not less than three hundred degrees Fahrenheit, with not over four per cent. oil and moisture.

Fixing the punishment at imprisonment to sell or offer for sale oil to be usd for illuminating purposes in coal mines that is of a quality inferior in grade to that prescribed by law; also fixing the same punishment for mine bosses, miners or mine employes who burn coal oil, black jack or machine oil in coal mines, and making it prima facie evidence of guilt when their working lamps have been found to contain such oil.

INTOXICANTS.

A law making it unlawful for any person to go into, at, or around a mine, or the buildings, tracks or machinery connected therewith while under the influence of intoxicants, or for any person who shall use, carry, or have in his possession, at, in or around a mine, or the buildings, tracks or machinery connected therewith, any intoxicants.

MINE RESCUE EQUIPMENT.

Mine rescue work and first aid to the injured is beginning to receive more and more the attention of the mining industry, and as it is essentially necessary that men be trained with appliances especially designed and constructed for that work, this is a matter that should receive the earnest co-operation and assistance of the national and state governments. The latest and best mine rescue equipment and first aid supplies should be provided and kept on hand ready for immediate use at several different, but convenient, places in our coal field, and rescue squads from the different mines should be organized and thoroughly trained in their use.

Due to three bad accidents occurring from explosions of fire-damp that had accumulated in mines in which booster fans were being used, as a result of permitting the fans to stand idle, and

the large number of deep oil and gas wells that are being drilled in and near the coal fields, the following letters were sent out to all coal companies, mine superintendents and mine engineers.

STATE BUREAU OF INSPECTION,
INDIANAPOLIS, IND., April 12, 1913.

Dear Sir—Three very bad accidents have occurred within recent months due to explosions of gas (fire damp) that had accumulated in that part of the mine in which the ventilation was supplied by a booster fan that was operated by electric power, and an investigation made afterwards showed that in each instance the booster fan had been standing idle for a number of hours previous to the accident.

The first explosion resulted from the naked light of two timber men working on the night shift, coming in contact with an accumulation of gas (fire damp), while at work in that part of the mine in which the ventilation was supplied by a booster fan. Both men were severely burned, and the mine property was damaged.

The second explosion resulted from the naked lights of a surveyor and his assistant, working at night extending the mine sights, coming in contact with an accumulation of gas (fire damp) while in that part of the mine in which the ventilation was supplied by a booster fan. One man was killed and the other was injured so badly that he died the following evening. The mine property was also considerably damaged.

The third explosion, while it cannot be stated positively, is supposed to have resulted from the fire boss's naked light coming in contact with an accumulation of gas (fire damp), while he was making his examination of that part of the mine in which the ventilation was supplied by a booster fan. The fire boss was fatally burned and the mine property was damaged.

It is with a view to securing your co-operation in avoiding these accidents in the future that we are calling your attention to this matter, and we wish to advise you that, while we do not altogether disapprove of the use of the booster fan, for in some instances it has, no doubt, been of benefit, however, we do not favor its use in mines that are known to generate gas (fire damp):

First. Because of the fact that as a rule it is operated by the generator that supplies the electric power to operate the mine machinery, and to operate it continuously necessitates the continuous operation of that generator, which no mine operator wants to do.

Second. If it is not operated continuously, gas (fire damp) is very likely to accumulate, which is a source of danger to the mine employes and a menace to the safety of the mine property.

Third. Because of the great difficulty that has been experienced in successfully controlling the mine ventilation in mines in which the booster fan has been used.

We trust that if you are contemplating installing a booster fan in your mine, or if you already have one installed, that you will give this matter your serious consideration and attention.

Yours respectfully,

FRANK I. PEARCE.

STATE BUREAU OF INSPECTION,
INDIANAPOLIS, IND., April 15, 1913.

Dear Sir—A great deal of interest has recently developed among mining authorities of the several coal producing States on account of the large number of deep oil and gas wells that are being drilled every year in and near the coal fields, and from discussions that have taken place, it would appear that even after the best known precautions have been adopted, they are liable to give off gas and become a source of danger to mine employes and mine property.

As a number of deep oil and gas wells have been drilled, and are being drilled every year, at different points in the coal fields of this State, we have decided to call your attention to the danger that is liable to occur in the event of mine workings unexpectedly striking one of these deep oil or gas wells, and would advise you as follows:

First. Ascertain as far as possible, if there are any deep oil or gas wells on your coal property.

Second. If there are, have them, or any wells sunk in the future conspicuously located on your mine maps.

Third. Ascertain if you have any mine workings approaching them.

Fourth. Approach them with precaution, and always regard them as a source of danger to mining operations because of the fact that wells that first showed no gas, have suddenly become gas producers, and the well casing and plugging, through time, has frequently yielded to gas pressure.

Fifth. Accidents have already been traced in some of the States to deep wells that were giving off a strong pressure of gas, and the result would no doubt have been more disastrous under any other circumstances.

It is with a view to securing your co-operation in avoiding accidents from this source in the State that we mention this matter to you, and we trust that you will give it your serious consideration.

Yours respectfully,

FRANK I. PEARCE.

In the month of August, 1913, an explosion occurred at Dering No. 7 mine, located at Clinton, Indiana, in Vermillion County, which had been abandoned for several years.

This report as a result of the explosion, which is supposed to have been caused by an explosive mixture of gas and air (fire damp) being ignited by some burning trash that was thrown into the shaft, or spontaneous combustion, was heard for a considerable distance from the mines.

The unexpected explosion of this abandoned mine emphasizes the necessity of approaching worked-out and abandoned mines with a great deal of precaution and care.

The following is a brief description of each of the most notable accidents occurring to mine property during the year ending September 30, 1913:

Monon No. 6 Mine, Greene County.—The fan house burned down June 12, 1913, causing a loss to buildings, fans and escape shaft of about $1,500.00.

North West No. 1 Mine, Greene County.—The mule barn burned down June 16, 1913, about 10 p. m., causing a financial loss to building and contents of about $3,500.00.

Summit No. 2 Mine, Greene County.—The mine was flooded by water January 28, 1913, causing the loss of practically all of the underground equipment, including the miners' tools.

Blackburn Nos. 1 and 2 Mines, Pike County.—Both mines during the month of March, 1913, were flooded by water, causing, besides a considerable loss of time, a financial loss to the company, which we did not secure.

Little Mine, Pike County.—The fan house, fan and fan engine were destroyed by fire, causing a loss to the buildings, fan and air shaft of about $3,000.00.

Jackson Hill No. 2 Mine, Sullivan County.—Water got into the mine as a result of the flood in March, 1913, causing a financial loss, which we did not secure.

Ingleside Mine, Vanderburgh County.—May 14, 1913, a fire destroyed the engine house, boiler room, fan house and contents, also damaging the tipple, causing a financial loss of about $14,000.00.

Oak Hill No. 1 Mine, Vermillion County.—A serious explosion of powder, powder gases and coal dust combined occurred on the evening of October 17, 1912, killing the two shot-firers in the mine at the time and damaging the property to the extent of about $500.00.

Oak Hill No. 1 Mine, Vermillion County.—Another serious explosion of powder, powder gases and coal dust combined, occurred November 16, 1912, killing the two shot-firers in the mine at the time, and damaging the property to the extent of about $1,000.00.

Epworth Mine, Warrick County.—The curbing gave way, permitting the sides to fall in, causing a financial loss of about $1,500.00.

Elberfeld Mine, Warrick County. -A fire in the mine workings, December 28, 1912, caused, besides a loss of considerable time, a financial loss of about $4,000.00.

LAW ENFORCEMENT.

During the year we put forth every effort to secure a conformance of the mining statute on the part of the miners, mine bosses, mine superintendents and mine owners, without resorting to the courts. Notwithstanding this fact we were compelled to file a

number of prosecutions. The following list exhibits, by counties, the number of prosecutions made, the statute violated, the occupations of the persons committing the violations, and the number of convictions secured.

CLAY COUNTY.

Mine superintendents, failure to make monthly report of tonnage, etc., to the inspector of mines	1
Mine owner, failure to provide manway	1
Miners, drilling past the loose end or chance	5
Miner, unlawfully opening powder keg with pick	1
Total affidavits filed	8
Total found guilty and assessed fines	8

KNOX COUNTY.

Fire boss, failure to mark up places containing fire damp	1
Miners, drilling past cutting or loose end	17
Total affidavits filed	18
Total found guilty and fines assessed	6
Cases still pending	12

PARKE COUNTY.

Mine boss, failure to conform with inspector's orders for necessary repairs	1
Mine boss, failure to provide sufficient ventilation	1
Mine boss, failure to provide places of refuge on haulage roads	1
Total affidavits filed	3
Total found guilty and assessed fines	1
Causes against mine boss to furnish sufficient ventilation and refuge holes, dismissed	2

PIKE COUNTY.

Mine boss, failure to furnish sufficient ventilation	1
Mine boss, failure to make breakthroughs in conformance with the statute	2
Mine boss, failure to supply miners with sufficient timbers	1
Total affidavits filed	4
Total found guilty and assessed fines	4

SULLIVAN COUNTY.

Mine superintendent, failure to employ certified fire boss	1
Mine superintendent, failure to supply sufficient ventilation	1
Mine boss, failure to make breakthroughs in conformance with the statute	1

SULLIVAN COUNTY—Continued.

Mine boss, working more than fifty persons on one air split	1
Fire boss, failure to visit and mark up places known to generate fire damp	1
Total affidavits filed	5
Total found guilty and assessed fines	4
Charges against superintendent for failure to employ fire boss still pending in circuit court	1

VERMILLION COUNTY.

Mine bosses, failure to provide miners with sufficient timbers	2
Mine boss, failure to furnish sufficient ventilation	1
Mine boss, failure to make breakthroughs in conformance with the statute	1
Mine boss, failure to provide two-foot space along haulage roads	1
Fire boss, failure to mark up places known to generate fire damp	1
Miners, drilling past cutting or loose end	52
Total affidavits filed	58
Total found guilty and assessed fines	55
Cases still pending against miners for drilling past cutting or loose end	3

VIGO COUNTY.

Mine owner, failure to employ licensed mine boss	1
Mine boss, failure to provide sufficient ventilation	1
Fire boss, failure to mark up places containing fire damp	1
Miners, drilling past cutting or loose end	40
Total affidavits filed	43
Total found guilty and assessed fines	36
Cases dismissed by prosecuting attorney	7

WARRICK COUNTY.

Mine owner, failure to make monthly report of tonnage, etc., to the inspector of mines	1
Mine boss, failure to make breakthroughs in conformance with the statute	1
Miners, drilling past cutting or loose end	4
Total affidavits filed	6
Total found guilty and fines assessed	6

RECAPITULATION.

Total number of affidavits filed for the year	145
Total number of counts still pending for the year	16
Total number of cases acquitted and dismissed	9
Total number of convictions and fines assessed for the year	120

TABLE

Showing the System of Mining and System of Underground Haulage.

CLAY COUNTY.

Name of Mine.	System of Mining.	System of Haulage.
Monarch	Hand	Mule.
Lewis	Compressed air machines and hand	Mule.
Brasil Clay Co	Hand	Mule.
Plymouth No. 2	Hand	Tail rope and mule.
Crawford No. 10	Hand	Mule.
Crawford No. 12	Electric machines and hand	Mule.
Klondyke No. 3	Hand	Mule.
Eureka No. 5	Hand	Mule.
German No. 1	Hand	Mule.
Givens No. 1	Hand	Mule.
Harrison No. 5	Hand	Mule.
Brazil No. 4	Hand	Mule.
Collieries No. 1	Hand	Mule.
Schrepferman No. 4	Hand	Mule.
Island Valley No. 4	Electric machines and hand	Electric motor and mule.
Vivian No. 1	Hand	Mule.
Vivian No. 2	Electric machines and hand	Electric motor and mule.
West Side No. 1	Hand	Mule.
Pyrah	Hand	Mule.

DAVIESS COUNTY.

Montgomery No. 4 and No. 5	Hand	Mule.
Riverside	Electric machines and hand	Mule.
Washington	Hand	Mule.

FOUNTAIN COUNTY.

Indio	Hand	Mule.

GIBSON COUNTY.

Fort Branch	Electric machines and hand	Mule.
Oswald	Electric machines and hand	Electric motor and mule.
Francisco	Hand	Mule.

GREENE COUNTY.

North West No. 1	Electric machines and hand	Electric motor and mule.
North West No. 2*		
Greene Valley	Electric machines	Electric motor and mule.
Monarch	Electric machine	Mule.
Monon No. 6	Electric machines and hand	Electric motor and mule.
Monon No. 7	Electric machines and hand	Electric motor and mule.
Queen No. 1	Hand	Electric motor and mule.
Queen No. 2	Hand	Mule.
Queen No. 3	Hand	Mule.
Queen No. 4	Electric machines and hand	Mule.
Twin Oak	Hand	Mule.
Vandalia No. 8	Electric machines and hand	Electric motor and mule.
Vandalia No. 9	Electric machines and hand	Electric motor and mule.
Vandalia No. 20	Electric machines and hand	Electric motor and mule.
Vandalia No. 21	Electric machines and hand	Electric motor and mule.
Twin No. 4		
Twin No. 5	Electric machines and hand	Electric motor and mule.
Antioch	Electric machines and hand	Mule.
Black Creek No. 2	Electric machines and hand	Electric motor and mule.
North Linton*		

*Idle.

KNOX COUNTY.

Bicknell	Electric machines and hand	Mule.
Indian Creek	Electric machines	Electric motors and mule.
Knox	Electric machines and hand	Electric motor and mule.
Linn	Electric machines and hand	Mule.
Tecumseh No. 1	Compressed air machines and hand	Electric haulage and mule.
Tecumseh No. 2	Electric machines and hand	Electric motor and mule.
Wheatland	Hand	Tail rope and mule.

PARKE COUNTY.

Harrison	Hand	Mule.
Moore	Hand	Mule.
Parke No. 12	Compressed air machines and hand	Gasoline motor and mule.
S. B. No. 1	Hand	Mule.
Lyford No. 1	Compressed air machines and hand	Electric motor and mule.
Superior No. 6	Electric machines and hand	Mule.

PERRY COUNTY.

Kelly	Hand	Mule.

PIKE COUNTY.

Ayrshire No. 4	Electric machines and hand	Electric motor and mule.
Ayrshire No. 5	Electric machines and hand	Electric motor and mule.
Ayrshire No. 7	Electric machines	Electric motor and mule.
Muren	Electric machines	Electric motor and mule.
Blackburn No. 1	Hand	Mule.
Blackburn No. 2	Electric machines and hand	Electric motor and mule.
Littles	Electric machines and hand	Electric motor and mule.
Peacock No. 2	Compressed air machines and hand	Mule.
Hartwell No. 1*		
Hartwell No. 2*		
Hartwell No. 3*		
Hartwell No. 4*		
Fox Hill	Hand	Mule.

*Idle.

SPENCER COUNTY.

Lincoln	Hand	Mule.

SULLIVAN COUNTY.

Hamilton	Hand	Gasoline motor and mule.
Bellevue*		
Carlisle	Hand	Mule.
Consolidated No. 25	Electric machines and hand	Electric motor and mule.
Consolidated No. 26	Electric machines and hand	Gasoline motor and mule.
Consolidated No. 28		
Consolidated No. 30	Electric machines and hand	Gasoline motor and mule.
Consolidated No. 32	Electric, and compressed air machines and hand	Gasoline motor and mule.
Consolidated No. 33	Electric, and compressed air machines and hand	Electric motor and mule.
Dering No. 13*		
Dering No. 14	Electric machines and hand	Electric motor and mule.
Shirley Hill No. 3	Electric machines and hand	Mule.
Keystone	Hand	Mule.
Keeley	Hand	Mule.
Jackson Hill No. 2	Hand	Mule.
Jackson Hill No. 4	Electric machines	Electric motor and mule.
Kettle Creek	Electric machines	Mule.
Larsh	Hand	Mule.
Monon No. 2	Electric machines and hand	Electric motor and mule.
Monon No. 3	Electric machines and hand	Electric motor and mule.
Monon No. 4	Electric machines	Electric motor and mule.
Monon No. 5	Electric machines and hand	Electric motor and mule.
Monon No. 13	Electric mining machines and hand	Electric motor and mule.
Monon No. 14	Electric machines and hand	Electric motor and mule.
Monon No. 15	Electric machines and hand	Mule.
Reliance	Electric machines	Mule.
Superior*		
Sunflower	Electric machines	Electric motors and mule.
Vandalia No. 10	Electric machines	Electric motors and mule.
Paxton No. 8	Electric machines and hand	Mule.
Peerless No. 27	Electric machines	Mule.

*Idle.

VANDERBURGH COUNTY.

Unity	Hand	Electric motor and mule.
Diamond	Hand	Mule.
Ingleside	Hand	Mule.
Sunnyside	Hand	Mule.

VERMILLION COUNTY.

Universal No. 4	Electric machines and hand	Electric motor and mule.
Universal No. 5	Electric machines and hand	Electric motor and mule.
Crown Hill No. 1	Hand	Electric motor and mule.
Crown Hill No. 2	Hand	Electric motor and mule.
Crown Hill No. 3	Compressed air machines and hand	Electric motors and mule.
Crown Hill No. 4	Hand	Electric motor and mule.
Crown Hill No. 5	Hand	Electric motors.
Crown Hill No. 6	Hand	Mule.
Oak Hill No. 1	Electric machines and hand	Mule.
Oak Hill No. 2	Hand	Mule.
Oak Hill No. 3	Electric machines and hand	Mule.
Oak Hill No. 5	Hand	Electric motors and mule.
Dering No. 8	Hand	Electric motors and mule.
Eureka*		
Shirkie & Bogle	Hand	Electric motors and mule.
West Clinton	Hand	Mule.

*Idle.

VIGO COUNTY.

Clay County No. 1	Hand	Tail rope and mule.
Deep Vein No. 4	Electric machines and hand	Electric motor and mule.
Dering No. 6	Hand	Tail rope and mule.
Domestic Block No. 1	Electric machine and hand	Mule.
Ray No. 2	Hand	Mule.
Fauvre No. 2	Hand	Electric motor and mule.
Glen Ayr No. 1	Electric machines and hand	Electric motor and mule.
Glen Ayr No. 2	Electric machines and hand	Mule.
Pine Ridge	Hand	Mule.
Jackson Hill No. 5	Electric machines	Electric motor and mule.
Lower Vein No. 1	Hand	Electric and gasoline motors.
Speedwell No. 2	Electric machines	Electric motor and mule.
Miami No. 4	Hand	Mule.
Miami No. 6	Hand	Mule.
Miami No. 8	Hand	Electric motor and mule.
Harrison	Hand	Mule.
Mary No. 2	Electric machines and hand	Mule.
Pittsburg No. 1	Hand	Mule.
Atherton	Hand	Electric motor and mule.
National	Hand	Mule.
Sugar Valley	Hand	Mule.
Vandalia No. 67	Electric machines and hand	Electric motor and mule.
Vandalia No. 69	Hand	Electric motor and mule.
Minshall	Hand	Electric motor and mule.
Plymouth No. 1	Electric machines and hand	Mule.
Wabash	Electric machines and hand	Electric motor and mule.
Riverside	Hand	Mule.
Wizard No. 2	Hand	Mule.
Pittsburg No. 2	Hand	Mule.
Glenndale	Hand	Mule.
Soules	Hand	Mule.
Vandalia No. 82	Electric machines and hand	Mule.
Shirkie No. 1	Hand	Mule.
Shirkie No. 2	Electric machines and hand	Mule.
Maple Grove	Compressed air machines and hand	Electric storage motor and mule.

WARRICK COUNTY.

Red Shaft	Hand	Mule.
Big Four No. 2	Compressed air machines	Mule.
Big Four No. 3	Compressed air machines	Mule.
Chandler	Hand	Mule.
Dawson	Compressed air machines	Mule.
Elberfeld	Hand	Mule.
Erie Canal	Electric machines	Electric motor and mule.
DeForrest	Hand	Mule.
Sargeant	Hand	Mule.
Electric	Electric machines	Mule.
Epworth	Hand	Mule.
Korff	Compressed air machines	Mule.
John Bull	Compressed air machines and hand	Mule.
Castle Garden		
Polk Patch No. 5 and No. 7	Compressed air machines	Gasoline motor and mule.
Brizius	Hand	Mule.
Advance	Hand	Mule.

MINE DIRECTORY, 1913.

CLAY COUNTY.

Name of Company.	Address of Company.	Name of Mine.	Location of Mine.	Railroad.
American Sewer Pipe Co	Brazil	Monarch	¼ mile N. W. of Brazil	Product consumed.
Big Vein Mining Co	Terre Haute	Lewis	½ mile E. of Coalmont	C. T. H. & S. E.
Brazil Clay Co	Brazil	Brazil Clay	2 miles W. of Brazil	Product consumed.
Brazil Collieries Co	Brazil	Collieries No. 1	5 miles W. of Brazil	C. & E. I.
Coal Bluff Mining Co	Terre Haute	Plymouth No. 2	2 miles W. of Perth	C. & E. I.
Crawford Coal Co	Brazil	Crawford No. 10	5 miles N. W. of Brazil	C. & E. I.
Crawford Coal Co	Brazil	Crawford No. 12	6 miles N. W. of Brazil	C. & E. I.
Ehrlich-Pierce Mining Co	Turner	Klondyke No. 3	2 miles W. of Brazil	Vandalia.
Eureka Block Coal Co	Terre Haute	Eureka No. 5	½ mile W. of Perth	Big Four.
German Coal Co	Brazil	German No. 1	1 mile S. E. of Brazil	Wagon.
Givens & Son Coal Co	Brazil	Givens No. 1	1 mile N. W. of Center Point	Vandalia.
Harrison Coal and Mining Co	Clay City	Harrison No. 5	4 miles E. of Clay City	E. & I.
John B. DeCamp Coal Co	Brazil	Brazil No. 4	1 mile S. W. of Perth	C. & E. I.
Pyrah Coal Co	Brazil	Pyrah	1½ miles S. of Brazil	E. & I.
Schrepferman Coal Co	Brazil	Schrepferman No. 4	1½ miles S. of Knightsville	Vandalia.
United Fourth Vein Coal Co	Linton	Island Valley No. 4	½ mile N. E. of Jasonville	C. T. H. & S. E.
Middle States Coal Corporation	Jasonville	Vivian No. 1	2½ miles N. E. of Jasonville	C. T. H. & S. E.
Middle States Coal Corporation	Jasonville	Vivian No. 2	2½ miles N. E. of Jasonville	C. T. H. & S. E.
West Side Coal Co	Brazil	West Side No. 1	1 mile N. W. of Brazil	Wagon.

DAVIESS COUNTY.

Daviess County Coal Co	Montgomery	Montgomery No. 4-5	2 miles W. of Montgomery	B. & O. S. W.
Horney & Winterbottom	Washington	Washington No. 4	3 miles S. E. of Odon	Wagon.
Catching & Elliott	Washington	Riverside	4 miles S. W. of Washington	E. & I.

FOUNTAIN COUNTY.

Indiana Semi-Block Coal Co	Cates	Indio	2 miles N. of Cates	Cloverleaf.

MINE DIRECTORY, 1913—Continued.

GIBSON COUNTY.

Name of Company.	Address of Company.	Name of Mine.	Location of Mine.	Railroad.
Fort Branch Coal Mining Co	Fort Branch	Fort Branch	½ mile S. of Fort Branch	C. & E. I.
Princeton Coal Co	Princeton	Oswald	1 mile W. of Princeton	Southern.
Wyoming Coal Co	Francisco	Francisco	Francisco	Southern.

GREENE COUNTY.

Calora Coal Co	Terre Haute	North West No. 1	¼ mile E. of Jasonville	C. T. H. & S. E.
Calora Coal Co	Terre Haute	North West No. 2	¼ mile E. of Jasonville	C. T. H. & S. E.
Green Valley Coal Co	Terre Haute	Green Valley	¼ mile N. W. of Jasonville	C. T. H. & S. E.
McVicker Brothers Coal Co	Midland	Monarch	½ mile S. of Midland	C. T. H. & S. E.
Monon Coal Co	Terre Haute	Monon No. 6	2 miles W. of Jasonville	C. T. H. & S. E.
Monon Coal Co	Terre Haute	Monon No. 7	Gilmour	C. T. H. & S. E.
Malcolm Read	Linton	Twin Oak	2½ miles S. E. of Linton	C. & E. I.
Queen Coal and Mining Co	Jasonville	Queen No. 1	Jasonville	C. T. H. & S. E.
Queen Coal and Mining Co	Jasonville	Queen No. 2	½ mile S. of Jasonville	C. T. H. & S. E.
Queen Coal and Mining Co	Jasonville	Queen No. 3	½ mile S. of Jasonville	C. T. H. & S. E.
Queen Coal and Mining Co	Jasonville	Queen No. 4	1¼ mile S. of Jasonville	C. T. H. & S. E.
Vandalia Coal Co	Terre Haute	Vandalia No. 8	2½ miles N. W. of Linton	I. & V. Branch.
Vandalia Coal Co	Terre Haute	Vandalia No. 9	3 miles N. W. of Linton	I. & V. Branch.
Vandalia Coal Co	Terre Haute	Vandalia No. 20	3 miles W. of Linton	I. & V. Branch.
Vandalia Coal Co	Terre Haute	Vandalia No. 21	3½ miles W. of Linton	I. & V. Branch.
Western Indiana Mining Co	Terre Haute	Twin No. 4	2 miles S. W. of Vicksburg	C. T. H. & S. E.
Western Indiana Mining Co	Terre Haute	Twin No. 5	2 miles S. W. of Vicksburg	C. T. H. & S. E.
United Fourth Vein Coal Co	Linton	Antioch	8 miles N. W. of Linton	C. T. H. & S. E.
United Fourth Vein Coal Co	Linton	Black Creek	1 mile N. W. of Linton	C. T. H. & S. E.
United Fourth Vein Coal Co	Linton	North Linton	1 mile N. of Linton	C. T. H. & S. E.

KNOX COUNTY.

Bicknell Mining Co	Bicknell	Bicknell	Bicknell	I. & V. Branch.
Indian Creek Coal & Mining Co	Indianapolis	Indian Creek	5 miles S. of Bicknell	I. & V. Branch.
Knox Coal Mining Co	Bicknell	Knox	½ mile W. of Bicknell	I. & V. Branch.
Linn Coal Co	Bicknell	Linn	Bicknell	I. & V. Branch.
Tecumseh Mining Co	Bicknell	Tecumseh No. 1	1 mile S. E. of Bicknell	I. & V. Branch.
Tecumseh Mining Co	Bicknell	Tecumseh No. 2	1 mile S. of Bicknell	I. & V. Branch.
Washington-Wheatland Coal Co	Wheatland	Wheatland	¼ mile W. of Wheatland	B. & O. S. W.

PARKE COUNTY.

Harrison, W. P. & Son	Rockville	Harrison	3 miles E. of Rockville	Wagon.
Moore, James	Kingman	Moore	4 miles E. of Rockville	Wagon.
Parke County Coal Co	Rosedale	Parke No. 12	2 miles N. W. of Rosedale	Vandalia.
S. B. Coal Co	Kingman	S. B. No. 1	7 miles S. E. of Kingman	Wagon.
Middle States Coal Corporation	Clinton	Lyford No. 1	2 miles S. E. of Clinton	C. & E. I.
Zeller-McClellan & Co	Brazil	Superior No. 6	3 miles E. of Diamond	C. & E. I.

PERRY COUNTY.

American Cannel Coal Co	Cannelton	Kelly	1½ miles N. E. of Cannelton	Wagon.

PIKE COUNTY.

Ayrshire Coal Co	Oakland City	Ayrshire No. 4	¾ mile S. W. of Winslow	Southern.
Ayrshire Coal Co	Oakland City	Ayrshire No. 5	3 miles S. W. of Winslow	Southern.
Ayrshire Coal Co	Oakland City	Ayrshire No. 7	4 miles S. W. of Winslow	Southern.
Northern Coal and Supply Co	Muren	Muren	Muren	Southern.
Fox Hill Coal and Mining Co	Huntingburg	Fox Hill	2½ miles S. W. of Winslow	C. T. H. & S. E.
S. W. Little Coal Co	Evansville	Blackburn No. 1	Blackburn	E. & I.
S. W. Little Coal Co	Evansville	Blackburn No. 2	Blackburn	E. & I.
S. W. Little Coal Co	Evansville	Littles	Littles	E. & I.
D. J. Mackay & Co	Evansville	Hartwell No. 1	6 miles S. of Winslow	Southern.
D. J. Mackay & Co	Evansville	Hartwell No. 2	6 miles S. of Winslow	Southern.
D. J. Mackay & Co	Evansville	Hartwell No. 3	6 miles S. of Winslow	Southern.
D. J. Mackay & Co	Evansville	Hartwell No. 4	6 miles S. of Winslow	Southern.
John Jones	Oakland City	Peacock No. 2	1¾ miles N. E. of Oakland City	E. & I.

MINE DIRECTORY, 1913—Continued.

SPENCER COUNTY.

Name of Company.	Address of Company.	Name of Mine.	Location of Mine.	Railroad.
Lincoln Coal and Mining Co	Evansville	Lincoln	1 mile S. of Lincoln City	Southern

SULLIVAN COUNTY.

Averill Coal Mining Co	Hymera	Hamilton	2½ miles S. E. of Hymera	C. & E. I.
Bellevue Coal Co	Carlisle	Bellevue	3 miles N. of Oaktown	C. & E. I.
Carlisle Coal & Clay Co	Carlisle	Carlisle	½ mile N. of Carlisle	C. & E. I.
Consolidated Indiana Coal Co	Hymera	Consolidated No. 25	2 miles N. of Sullivan	C. & E. I.
Consolidated Indiana Coal Co	Hymera	Consolidated No. 26	2 miles N. E. of Sullivan	C. & E. I.
Consolidated Indiana Coal Co	Hymera	Consolidated No. 28	2 miles S. E. of Shelburn	C. T. H. & S. E.
Consolidated Indiana Coal Co	Hymera	Consolidated No. 30	2 miles N. E. of Shelburn	C. T. H. & S. E.
Consolidated Indiana Coal Co	Hymera	Consolidated No. 32	¼ mile W. of Hymera	C. T. H. & S. E.
Consolidated Indiana Coal Co	Hymera	Consolidated No. 33	¼ mile S. of Hymera	C. & E. I.
Consolidated Indiana Coal Co	Hymera	Peerless No. 27	2½ miles N. E. of Sullivan	C. & E. I.
Dering Coal Co.—W. C. Niblack (Receiver)	Chicago	Dering No. 13	3½ miles E. of Shelburn	C. & E. I.
J. Wooley Coal Co	Evansville	Dering No. 14	3 miles E. of Shelburn	C. & E. I.
Gould Coal Washing and Mining Co	Indianapolis	Shirley Hill No. 3	9 miles S. W. of Linton	I. & V. Branch.
Old Shelburn Coal Co	Terre Haute	Keystone	Shelburn	C. & E. I.
Keeley Cooperative Coal Co	Dugger	Keeley	Dugger	I. C.
Jackson Hill Coal and Coke Co	Terre Haute	Jackson Hill No. 2	2½ miles S. of Hymera	C. & E. I.
Jackson Hill Coal and Coke Co	Terre Haute	Jackson Hill No. 4	2½ miles S. E. of Shelburn	C. & E. I.
Kettle Valley Mining Co	Terre Haute	Kettle Creek	Shelburn	C. T. H. & S. E.
Larsh Coal Co	Farmersburg	Larsh	3 miles E. of Farmersburg	Wagon.
Monon Coal Co	Terre Haute	Monon No. 2	2 miles S. E. of Farmersburg	C. & E. I.
Monon Coal Co	Terre Haute	Monon No. 3	¼ mile W. of Shelburn	C. & E. I.
Monon Coal Co	Terre Haute	Monon No. 4	¼ mile S. E. of Shelburn	C. T. H. & S. E.
Monon Coal Co	Terre Haute	Monon No. 5	Caledonia	I. C.
Monon Coal Co	Terre Haute	Monon No. 13	6 miles S. W. of Linton	C. I. & L.
Monon Coal Co	Terre Haute	Monon No. 14	5 miles S. W. of Linton	C. I. & L.
Monon Coal Co	Terre Haute	Monon No. 15	½ mile W. of Cass	I. C.
Peabody Alwart Coal Mining Co	Shelburn	Reliance	2½ miles S. W. of Shelburn	C. & E. I.
Farmersburg Coal Co	Farmersburg	Superior	3½ miles E. of Farmersburg	C. T. H. & S. E.
Sunflower Coal Co	Bloomfield	Sunflower	1 mile N. E. of Dugger	I. C.
Vandalia Coal Co	Terre Haute	Vandalia No. 10	2 miles S. W. of Dugger	I. & V. Branch.
J. Wooley Coal Co	Evansville	Paxton No. 8	1 mile E. of Paxton	C. & E. I.

VANDERBURGH COUNTY.

Crescent Coal Co	Evansville	Unity	Evansville	L. & N.
Diamond Coal Co	Evansville	Diamond	Evansville	Wagon.
Gibson-Moore Coal Co	Evansville	Ingleside	Evansville	L. & N.
Sunnyside Coal Co	Evansville	Sunnyside	Evansville	L. & N.

VERMILLION COUNTY.

Bunsen Coal Co	Universal	Universal No. 4	Universal	C. & E. I.
Bunsen Coal Co	Universal	Universal No. 5	Universal	C. & E. I.
Clinton Coal Co	Clinton	Crown Hill No. 1	1½ miles S. W. of Clinton	C. & E. I.
Clinton Coal Co	Clinton	Crown Hill No. 2	2 miles N. W. of Clinton	C. & E. I.
Clinton Coal Co	Clinton	Crown Hill No. 3	1½ miles S. W. of Clinton	C. & E. I.
Clinton Coal Co	Clinton	Crown Hill No. 4	3½ miles S. W. of Clinton	C. & E. I.
Clinton Coal Co	Clinton	Crown Hill No. 5	5 miles N. W. of Clinton	C. T. H. & S. E.
Clinton Coal Co	Clinton	Crown Hill No. 6	4¾ miles N. W. of Clinton	C. T. H. & S. E.
J. K. Dering Coal Co	Clinton	Oak Hill No. 1	2½ miles S. W. of Clinton	C. & E. I.
J. K. Dering Coal Co	Clinton	Oak Hill No. 2	3 miles S. W. of Clinton	C. T. H. & S. E.
J. K. Dering Coal Co	Clinton	Oak Hill No. 3	3 miles N. W. of Clinton	C. & E. I.
J. K. Dering Coal Co	Clinton	Oak Hill No. 5	2¾ miles S. W. of Clinton	C. & E. I.
J. K. Dering Coal Co	Clinton	Dering No. 8	5½ miles S. of Clinton	C. & E. I.
Cayuga Coal and Brick Co	Cayuga	Eureka	1½ miles S. W. of Cayuga	T. St. L. & W.
Shirkie & Bogle	Terre Haute	Shirkie & Bogle	8 miles N. W. of Clinton	C. T. H. & S. E.
West Clinton Coal Co	Terre Haute	West Clinton	7½ miles N. W. of Clinton	C. T. H. & S. E.

VIGO COUNTY.

Clay County Block Coal Co	Terre Haute	Clay County No. 1	1¼ miles S. W. of Coal Bluff	C. & E. I.
Deep Fourth Vein Coal Co	Terre Haute	Deep Vein No. 4-5	1 mile N. W. of West Terre Haute	Vandalia.
Dering Coal Co.—W. C. Niblack (Receiver)	Chicago	Dering No. 6	8½ miles S. of Clinton	C. & E. I.
Domestic Block Coal Co	Brazil	Domestic Block No. 1	5 miles N. W. of Brazil	C. & E. I.
Ehrlich-Pierce Mining Co	Turner	Ray No. 2	1 mile E. of Seelyville	Vandalia.
Fauvre Coal Co	Terre Haute	Fauvre No. 2	2¼ miles N. W. of West Terre Haute	Vandalia.
Glen Ayr Coal Co	Terre Haute	Glen Ayr No. 1	1 mile S. W. of Glen Ayr	Vandalia.
Glen Ayr Coal Co	Terre Haute	Glen Ayr No. 2	¼ mile N. W. of Glen Ayr	Vandalia.
Grant Coal and Mining Co	Terre Haute	Maple Grove	½ mile W. of New Goshen	C. T. H. & S. E.
Higgins Martin Coal Co	Terre Haute	Pine Ridge	7 miles N. W. of Terre Haute	C. T. H. & S. E.
Jackson Hill Coal and Coke Co	Terre Haute	Jackson Hill No. 5	8 miles S. of Clinton	C. & E. I.
Lower Vein Coal Co	Terre Haute	Lower Vein No. 1	2 miles N. W. of West Terre Haute	Big Four.
Lower Vein Coal Co	Terre Haute	Speedwell No. 2	1½ miles N. W. of West Terre Haute	Big Four.
Miami Coal Co	Brazil	Miami No. 4	3 miles N. of Seelyville	C. & E. I.

MINE DIRECTORY, 1913—Continued.

VIGO COUNTY—Continued.

Name of Company.	Address of Company.	Name of Mine.	Location of Mine.	Railroad.
Miami Coal Co	Brazil	Miami No. 6	6 miles S. of Clinton	C. & E. I.
Miami Coal Co	Brazil	Miami No. 8	6 miles S. of Clinton	C. & E. I.
Nsah Coal Co	Coal Bluff	Harrison	1 mile S. of Coal Bluff	C. & E. I.
Otter Creek Coal Co	Brazil	Mary No. 2	3 miles W. of Fontanet	C. & E. I.
Pittsburg Mining Co	Terre Haute	Pittsburg No. 1	6 miles N. W. of West Terre Haute	Big Four.
Pittsburg Mining Co	Terre Haute	Pittsburg No. 2	2 miles E. of Sandford	Big Four.
Retlaw Mines Co	Atherton	Atherton	Atherton	C. & E. I.
Sugar Valley Coal Co	Terre Haute	National	1 mile S. W. of West Terre Haute	Vandalia.
Sugar Valley Coal Co	Terre Haute	Sugar Valley	1 mile W. of West Terre Haute	Wagon.
Vandalia Coal Co	Terre Haute	Vandalia No. 67	2½ miles S. E. of Seelyville	Vandalia.
Vandalia Coal Co	Terre Haute	Vandalia No. 69	1 mile N. W. of Seelyville	Vandalia.
Vandalia Coal Co	Terre Haute	Vandalia No. 82	Liggett	Vandalia.
Western Indiana Mining Co	Terre Haute	Minshall	¼ mile N. of Fontanet	Big Four.
Western Indiana Mining Co	Terre Haute	Plymouth No. 1	½ mile N. E. of Fontanet	Big Four.
Western Indiana Mining Co	Terre Haute	Wabash	2 miles N. of West Terre Haute	Big Four.
Western Indiana Mining Co	Terre Haute	Riverside	2 miles N of West Terre Haute	Big Four.
Wisard Coal Co	West Terre Haute	Wisard No. 2	1 mile W. of West Terre Haute	Vandalia.
Glenndale Coal Co	Terre Haute	Glenndale	5 miles E. of Terre Haute	Wagon.
Shirkie Coal Co	Terre Haute	Shirkie No. 1	8 miles N. W. of Terre Haute	C. T. H. & S. E.
Shirkie Coal Co	Terre Haute	Shirkie No. 2	8 miles N. W. of Terre Haute	C. T. H. & S. E.
Soules, Wm	Terre Haute, R. F. D. No. 5	Soules	5 miles E. of Terre Haute	Wagon.

WARRICK COUNTY.

John Archbold Coal Co	Evansville	Red Shaft	½ mile E. of Newburg	E. S. & N. Elec.
Big Four Coal Co	Boonville	Big Four No. 2	2 miles E. of Boonville	Southern.
Big Four Coal Co	Boonville	Big Four No. 3	2 miles E. of Boonville	Southern.
Joe A. Bryan Coal Co	Evansville	Chandler	1 mile W. of Chandler	Southern.
Caledonia Mining Co	Boonville	Dawson	3 miles W. of Boonville	Southern.
Elberfeld Oil, Gas and Mining Co	Elberfeld	Elberfeld	½ mile S. W. of Elberfeld	E. & I.
Erie Canal Coal Co	Boonville	Erie Canal	½ mile W. of Chandler	Southern.
C. H. Menden Coal Co	Boonville	DeForrest	3 miles W. of Boonville	Southern.
Sargeant Coal Co	Newburg	Sargeant	¼ mile N. of Newburg	E. S. & N.
T. D. Scales Coal Co	Boonville	Electric	2 miles N. E. of Boonville	Southern.
Staser-Epperson Coal Co	Evansville	Epworth	½ mile W. of Newburg	E. S. & N.
Warrick Coal Mining Co	Boonville	Polk Patch No. 5	5 miles N. E. of Boonville	Southern.
Warrick Coal Mining Co	Boonville	Polk Patch No. 7	5 miles N. E. of Boonville	Southern.
Warrick County Coal Co	Evansville	Korff	3 miles W. of Boonville	Southern.
Cypress Creek Coal Co	Boonville	John Bull	3 miles W. of Boonville	Southern.
J. Wooley Coal Co	Boonville	Castle Garden	2 miles W. of Chandler	Southern.
Worsham Newburg Coal Co	Newburg	Brisius	½ mile W. of Newburg	E. S. & N.
Mitchem Coal Co	Boonville	Advance	3½ miles W. of Boonville	E. S. & N.

NOTE.—The location and distance of mines from the nearest towns may not be absolutely accurate, but are considered sufficient for ordinary use.

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